

**IBAW Implementation-Diamond and SCCC Sites****Bi-Weekly Progress Report No. 29 Date: September 14, 2011
Kearny, New Jersey****I) Field Activities*****Weeks beginning August 22 and 29, 2011***

- Pumped water from the south ditch and groundwater conveyance pipe/vault trenches, to the temporary construction treatment system (TCTS);
- Operation and maintenance of the TCTS, and discharge of treated water;
- Completed trench excavation and installation of groundwater conveyance pipe and electrical conduit;
- Continued water service pipe installation to the HCTS building;
- Continued installation of south ditch drop inlets and stormwater conveyance piping, backfilling of the drop inlets / piping and placement of spoils in SCCC/Diamond consolidation areas;
- Continued the installation of well vaults and electrical pull boxes, and excavation spoils were placed in respective site (SCCC or Diamond) Consolidation Areas;
- Began pressure testing the piping from HCTS to the valve assembly at the well vaults, and initiated repairs as needed;
- Initiated and completed removal of turbidity curtain removal of the turbidity curtain;
- Continued the arrangement of the recently installed conveyance pipes to the HCTS building manifold;
- Continued grading of the materials placed in Diamond consolidation area and SCCC lagoons/consolidation areas.
- Continued installation of liner in the eastern section of the south ditch and capillary break tie-in with capillary break on adjacent Seaboard site. Subsequently, placement of structural backfill on top of liner to design grades; and,
- Initiated placement and compaction of structural fill cover to final grades adjacent to the steel sheetpile wall on the existing slurry wall working platform.

Near-Term Future Activities

- Continue operation of the TCTS;
- Continue installation of the HCTS components;
- Continue installation of groundwater conveyance pipe and electrical conduit;
- Continue construction of the stormwater management system;
- Continue south ditch remediation;
- Continue placement of well vaults, well pumps and associated appurtenances;
- Utility installation;
- Complete the next phase of impacted soil removal associated with the former transformer pad, and,
- Continue capillary break installation along the South Ditch.

KEY

II) Reporting

Weeks beginning August 22 and August 29, 2011

- Bi-weekly Construction Reports #27 and #28 were submitted to the New Jersey Department of Environmental Protection (NJDEP); and,
- A letter was sent to the New Jersey Division of Land Use Regulation to request a Waterfront Development Permit/Flood Hazard Permit/Water Quality Permit Modification associated with lining the stormwater channel north of the Diamond Site CA August 26, 2011.

Near-Term Future Activities

- A Periodic Fill/Stockpile Monitoring Report will be submitted to the New Jersey Meadowlands Commission;
- The TCTS DMR for August will be submitted; and,
- Bi-weekly Construction Report No. 29 will be submitted to the NJDEP.

III) Other

KEY submitted a Site Information Summary to PSE&G to describe the limited potential exposure associated with the electric pole installation.

Approximately 9 inches of rain occurred at the Site on August 27th and August 28th, resulting in minor construction delays.

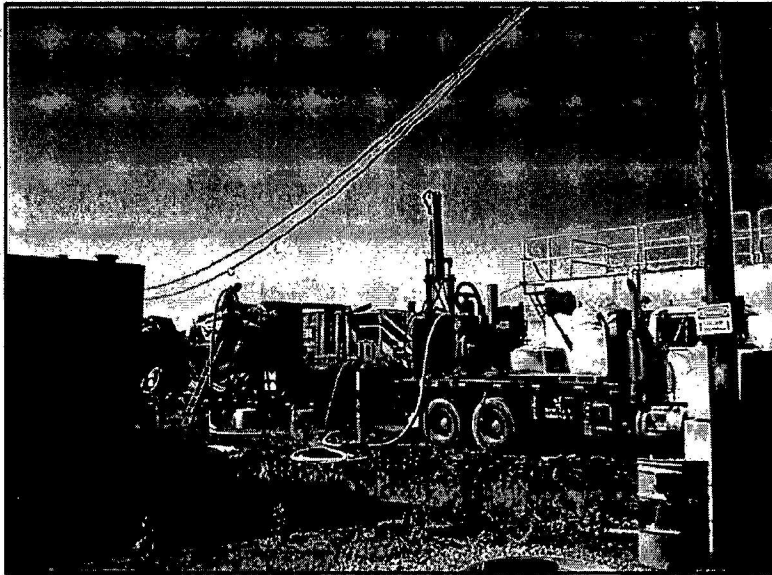
Perimeter Air Monitoring

There were no excursions above the action levels during the reporting period. The representation of the daily action levels for dust and VOCs for each day's activities has been adjusted on the air monitoring graphs for each activity according to the Air Monitoring Plan.

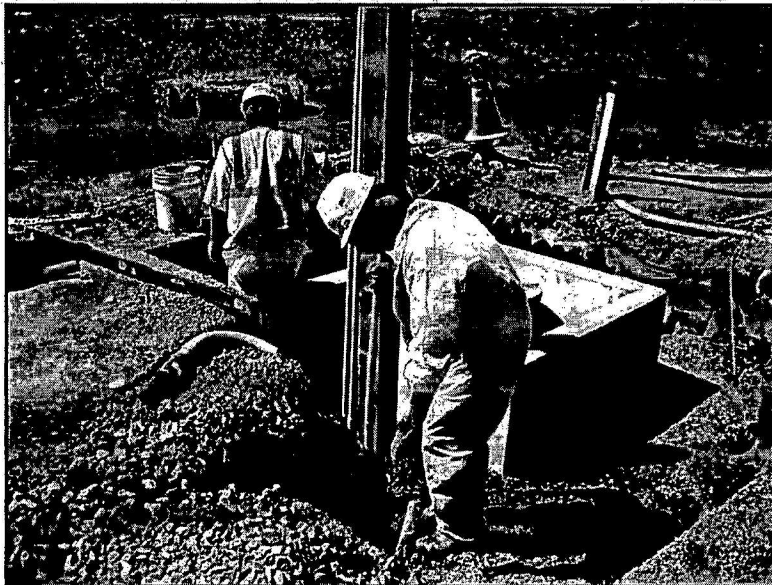


IRAW Implementation Diamond and SCC Sites - Kearny, New Jersey
Bi-Weekly Progress Report No. 29 - Weeks Beginning August 22 and August 29, 2011

(Photo 1) Removal of spent granular activated carbon (GAC) and replacement with new GAC in TCTS vessel.



(Photo 2) Installation of vault and wooden control panel support post at DRWL-7.



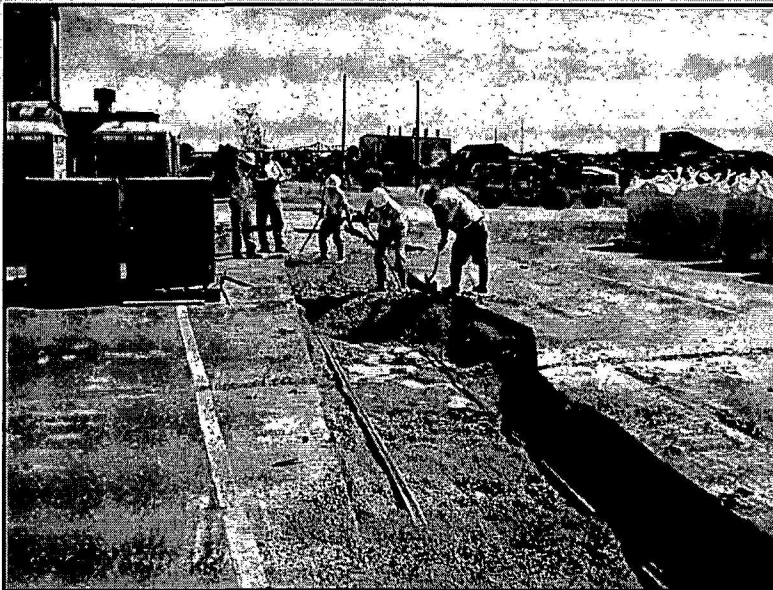
KEY

IRAW Implementation Diamond and SCCC Sites ~ Kearny, New Jersey
Bi-Weekly Progress Report No. 29 ~ Weeks Beginning August 22 and August 29, 2011

(Photo 3) Installation of electrical pull box associated with the hydraulic control wells located south-east of HCTS building.



(Photo 4) Placement of backfill in hydraulic conveyance line trench.



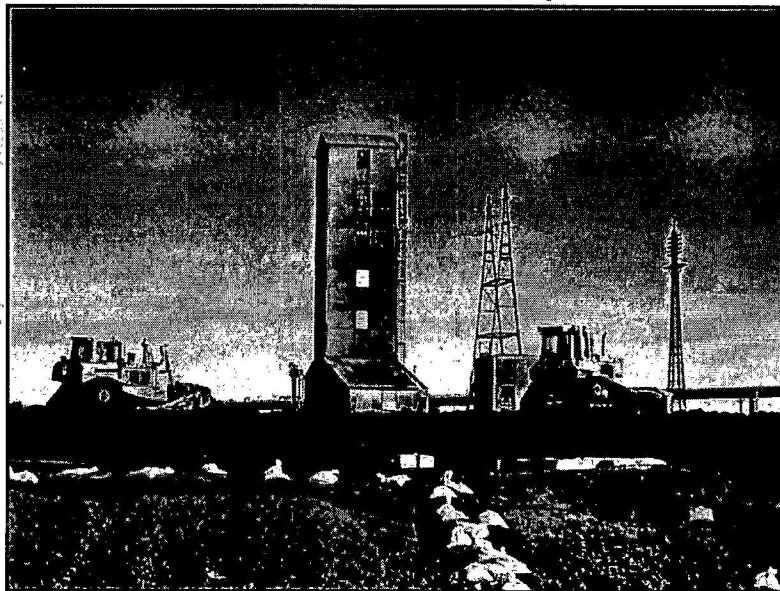
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IRAW Implementation Diamond and SCCC Sites - Kearny, New Jersey
Bi-Weekly Progress Report No. 29 - Weeks Beginning August 22 and August 29, 2011

(Photo 5) Spreading of material stockpiled in the Diamond consolidation area.



(Photo 6) Grading of materials placed in the SCCC consolidation area.



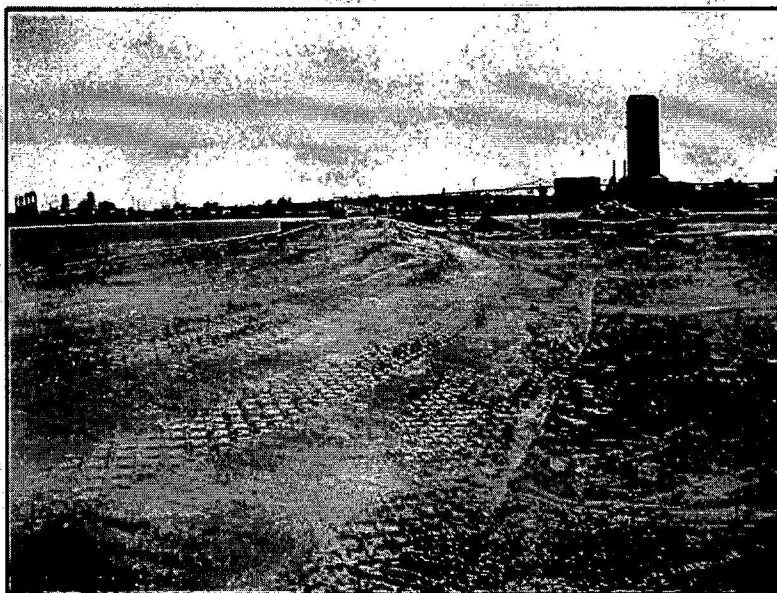
KEY

IRAW Implementation Diamond and SCCC Sites - Kearny, New Jersey
Bi-Weekly Progress Report No. 29 - Weeks Beginning August 22 and August 29, 2011

(Photo 7) Excavation of polychlorinated biphenyl materials at the former transformer pad area.



(Photo 8) Installation of structural fill cover to final grades adjacent to the steel sheetpile wall.



KEY

IRAW Implementation Diamond and SCCC Sites - Kearny, New Jersey
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(Photo 9) Installation of Pipe 1 and catch basin CB1 in the trench as part of the construction of stormwater management system.



(Photo 10) Backfill of trench after installation of Pipe 2 and catch basin CB2.



KEY

IRAW Implementation Diamond and SCCC Sites - Kearny, New Jersey
Bi-Weekly Progress Report No. 29 - Weeks Beginning August 22 and August 29, 2011

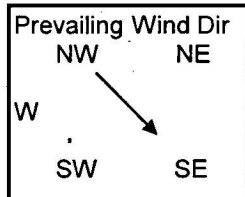
(Photo 11) Installation of liner and capillary break tie-in with capillary break on adjacent Seaboard Site. Placement of structural backfill on top of liner to design grades.



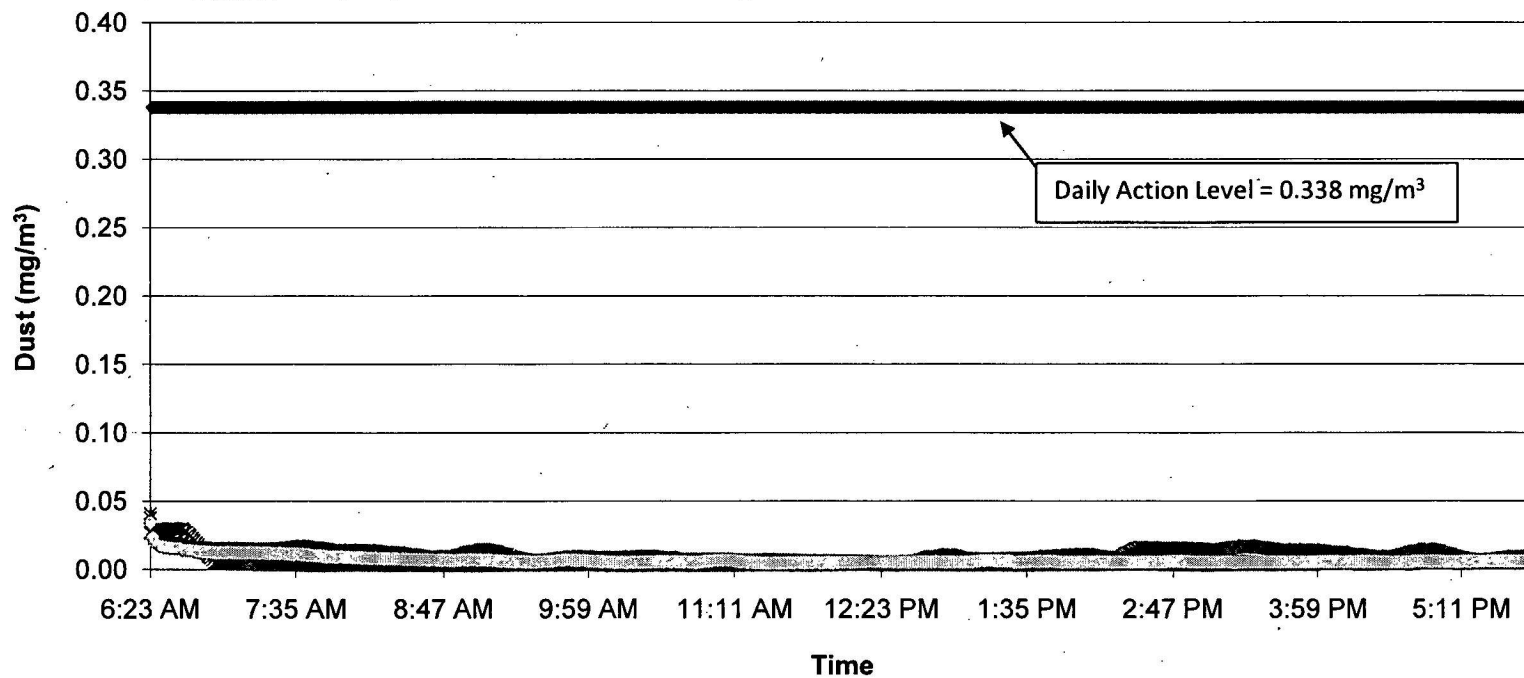
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Perimeter Monitoring Summaries

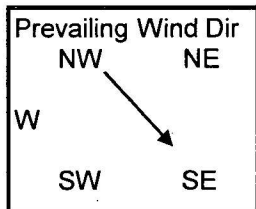
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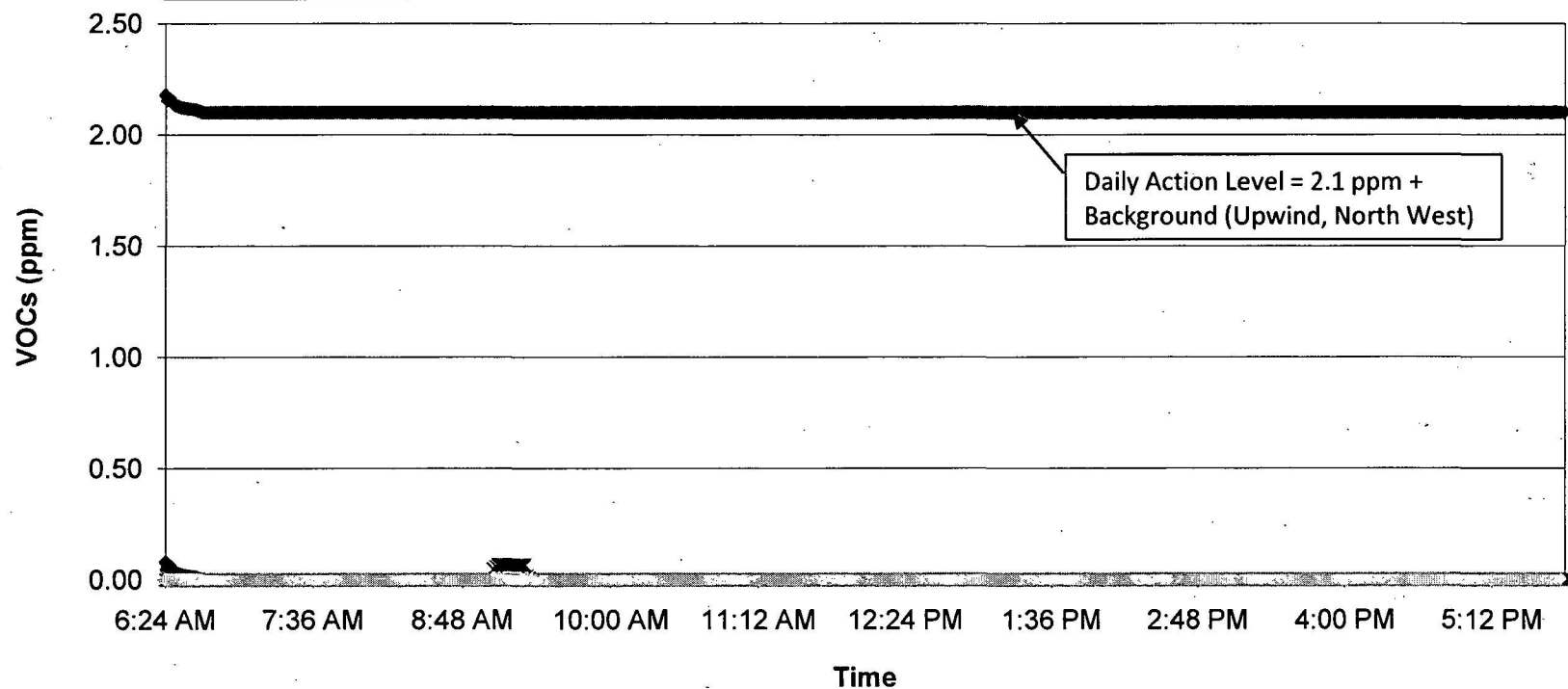
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 22, 2011**



◆ DAL	× North East Station [NE]	◆ Upwind, North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 22, 2011**



◆ DAL

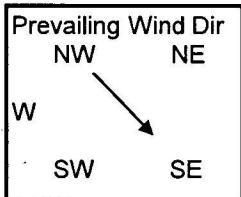
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◆ Upwind, North West Station [NW]

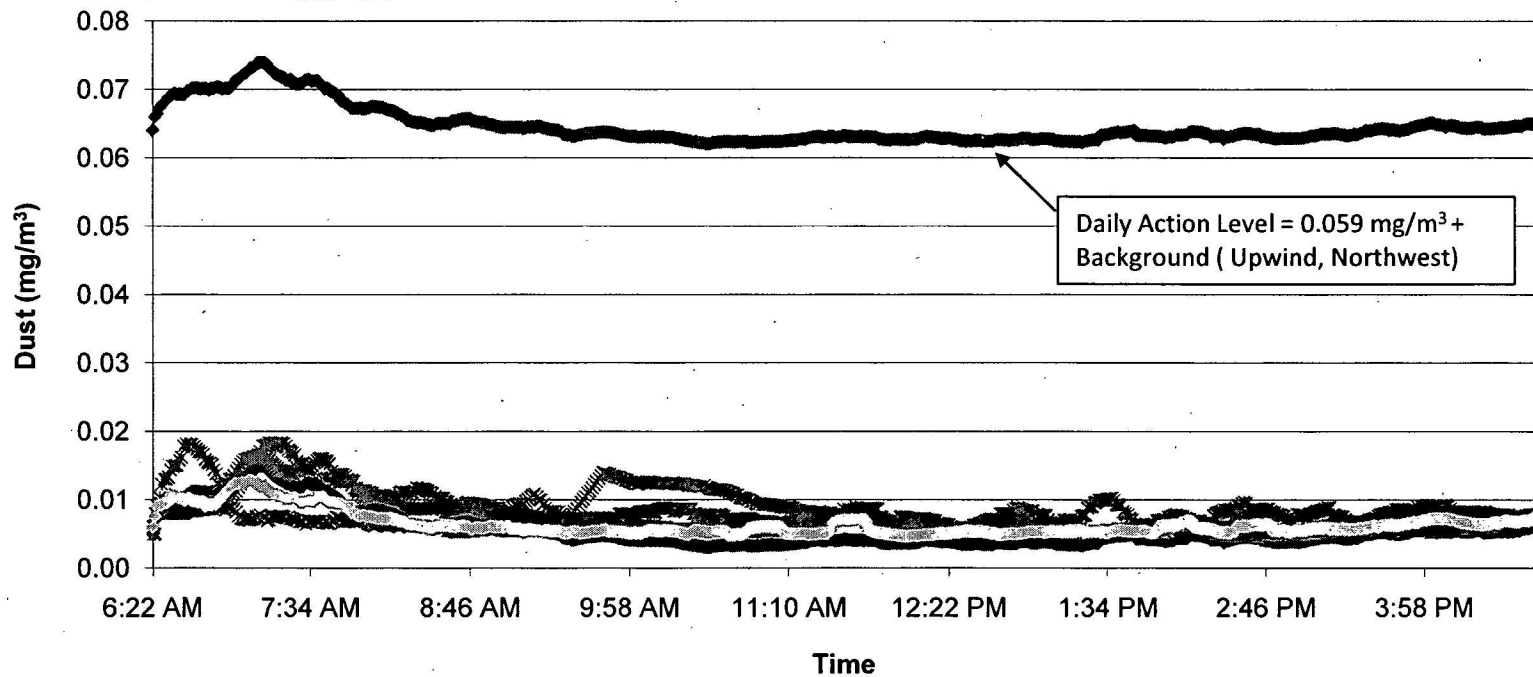
× South East Station [SE]

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◆ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 23, 2011**



◆ DAL

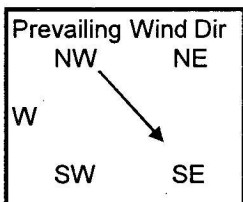
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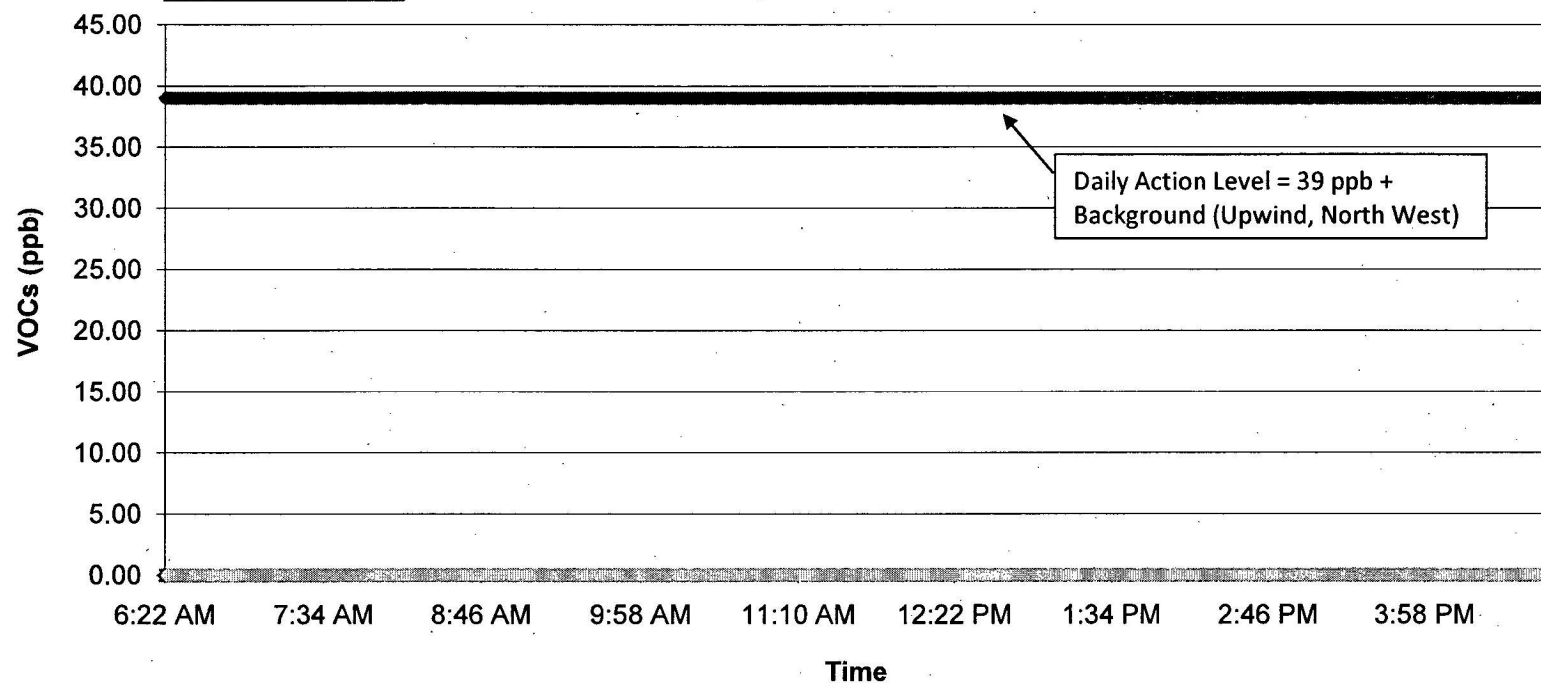
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◆ Upwind, North West Station [NW]

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**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 23, 2011**



◆ DAL

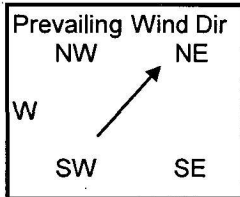
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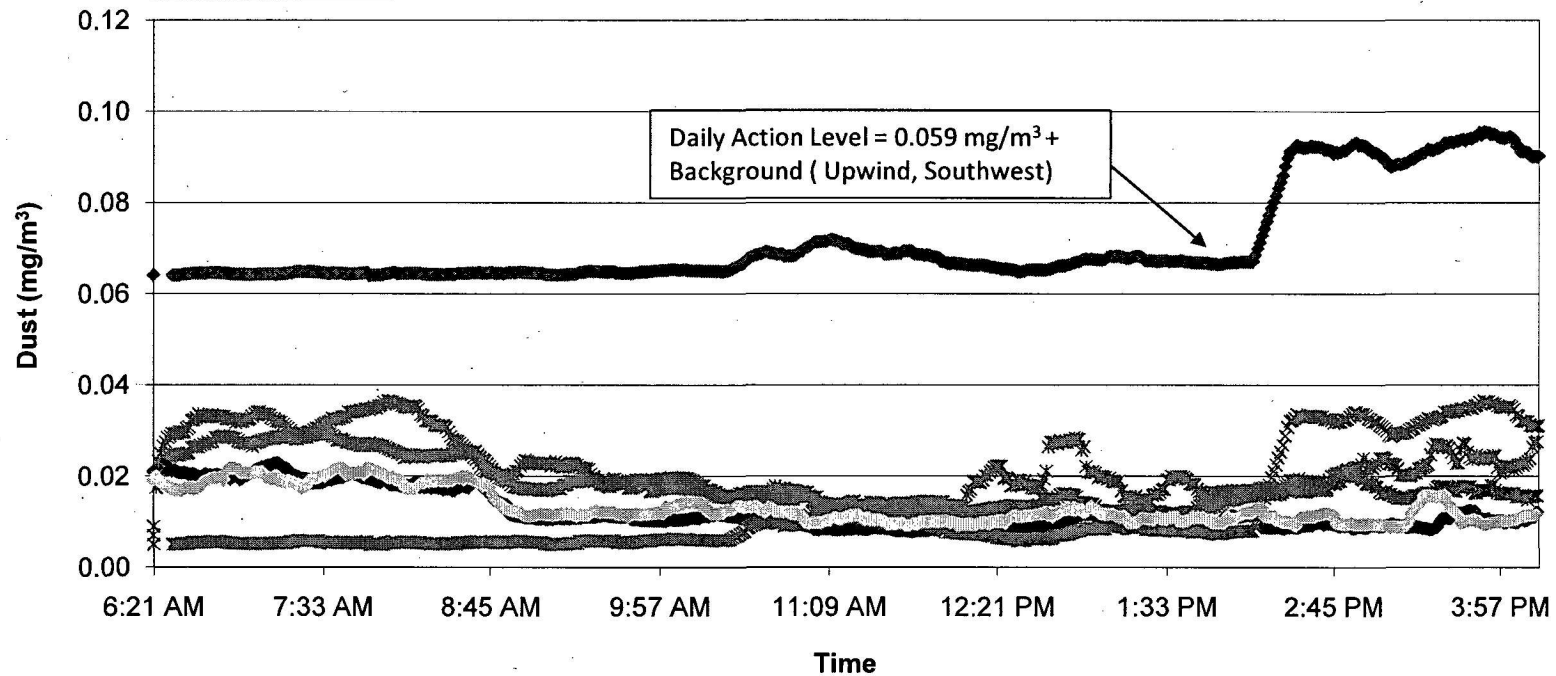
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◆ Upwind, North West Station [NW]

◆ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 24, 2011**



◆ DAL

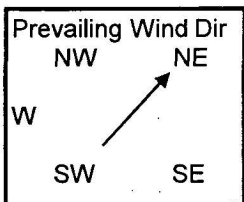
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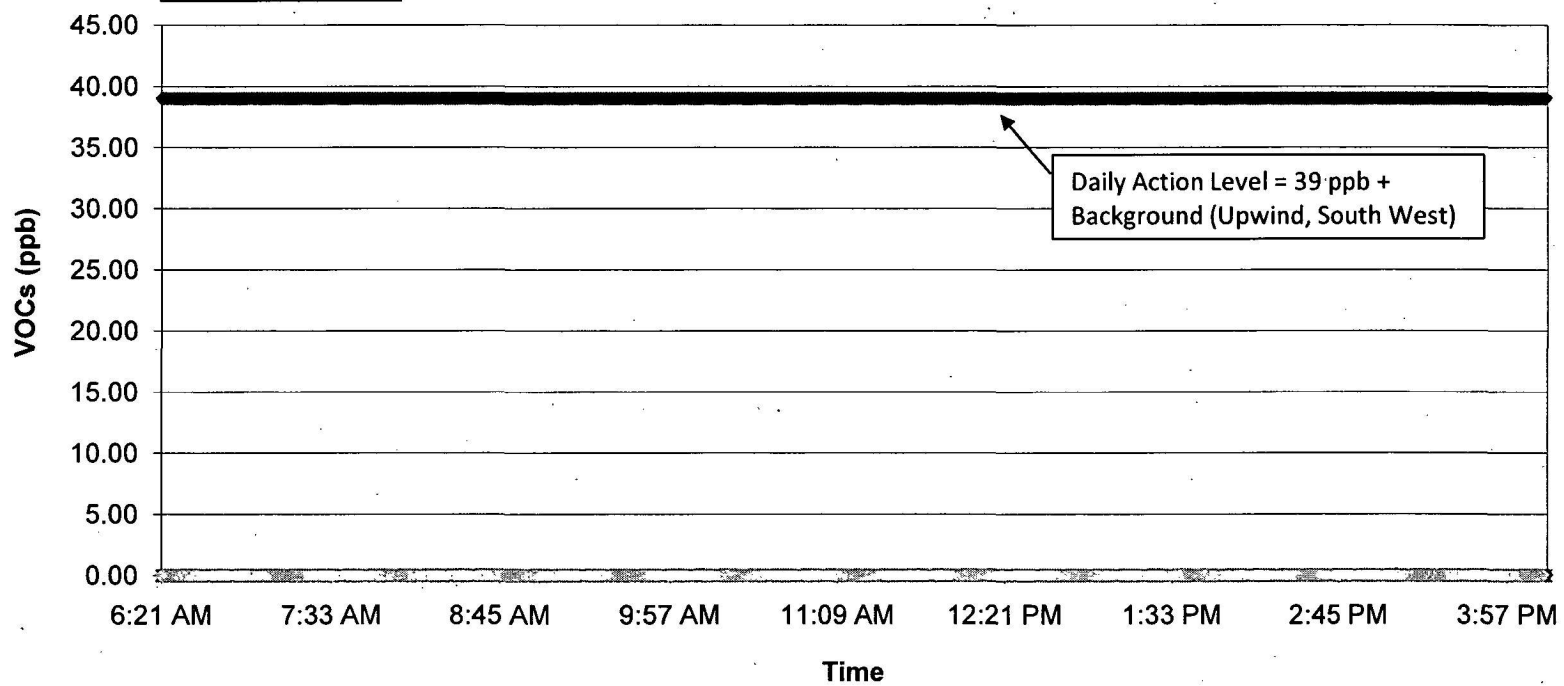
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◆ West Station [W]



VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 24, 2011



◆ DAL

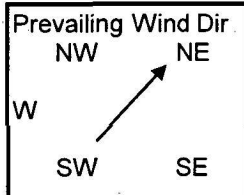
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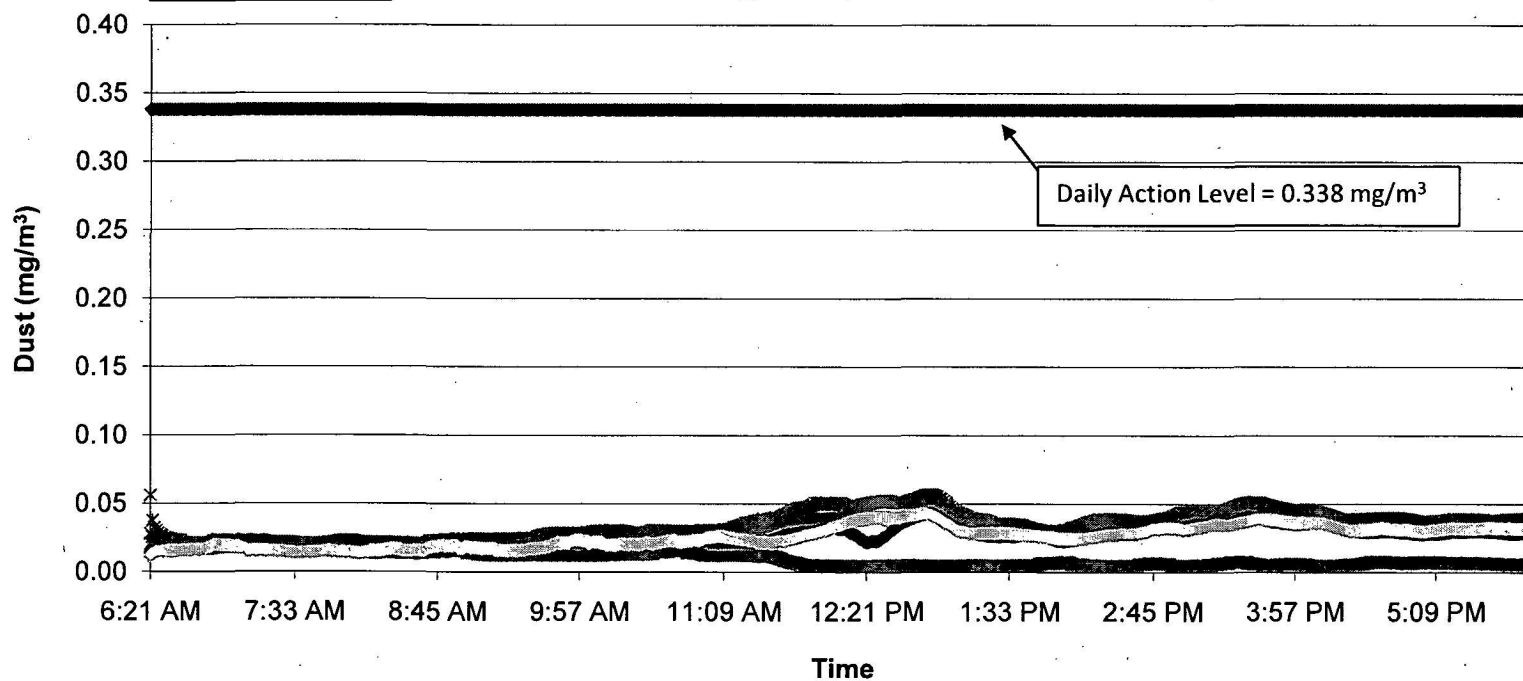
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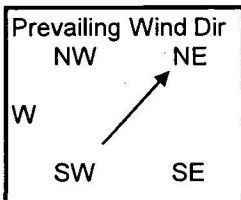
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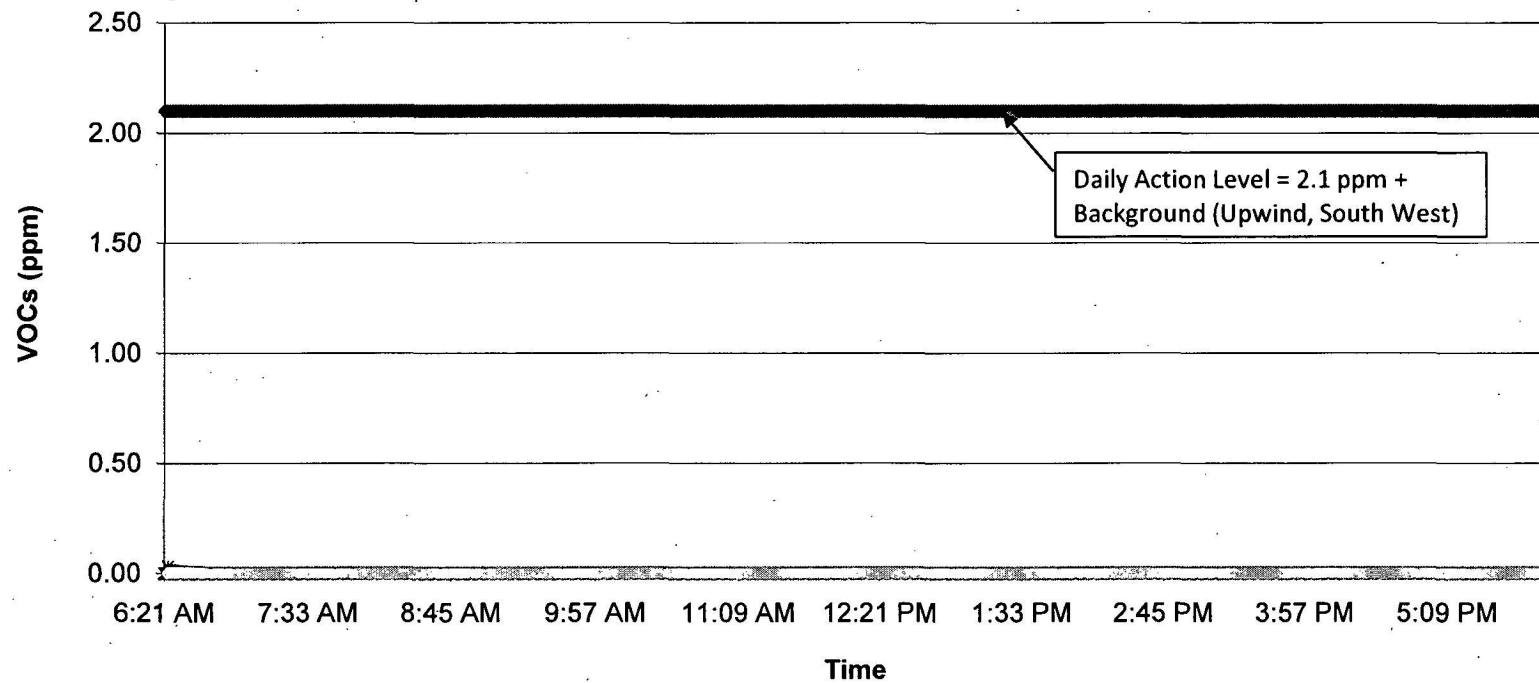
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 25, 2011**



◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× Upwind, South West Station [SW]	◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 25, 2011**



◆ DAL

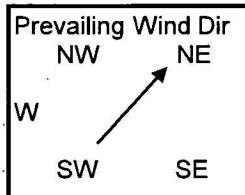
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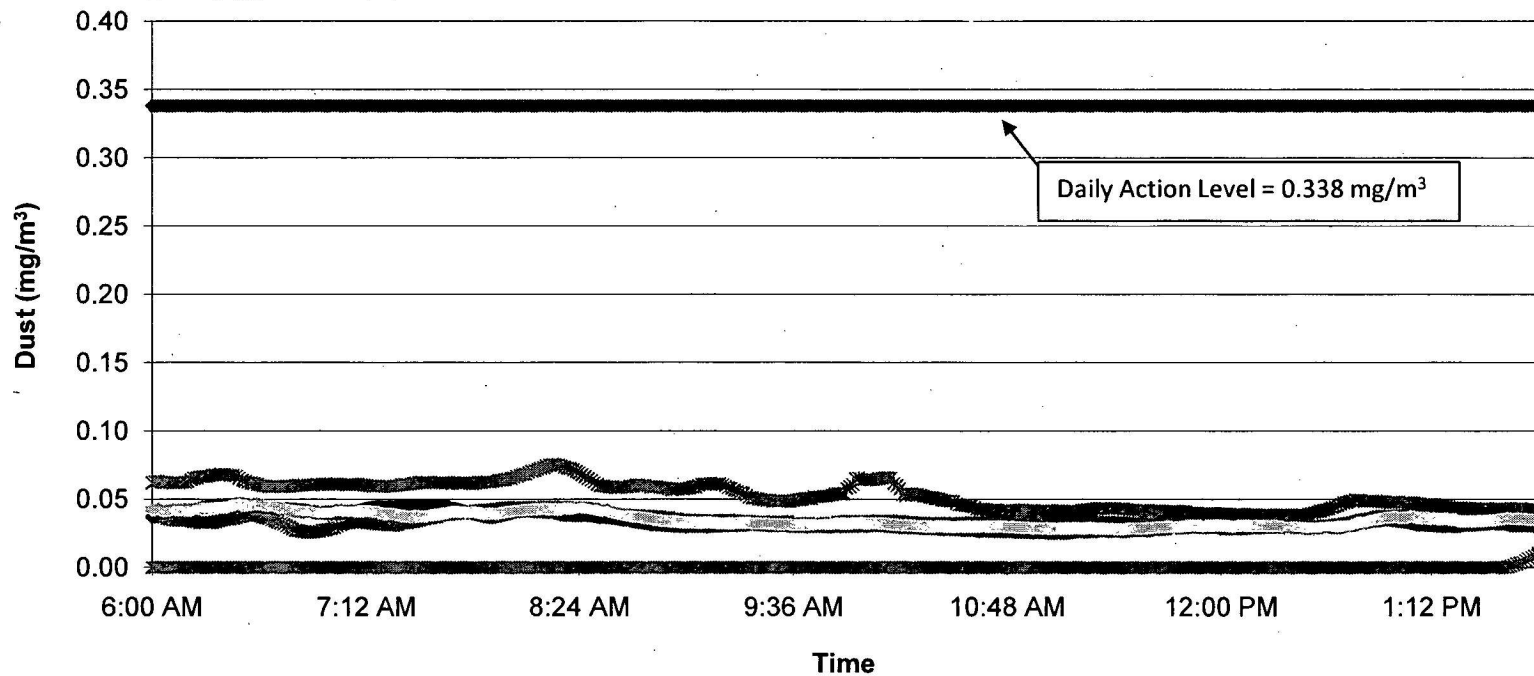
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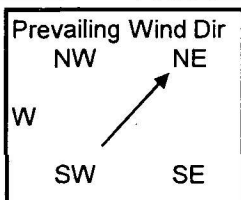
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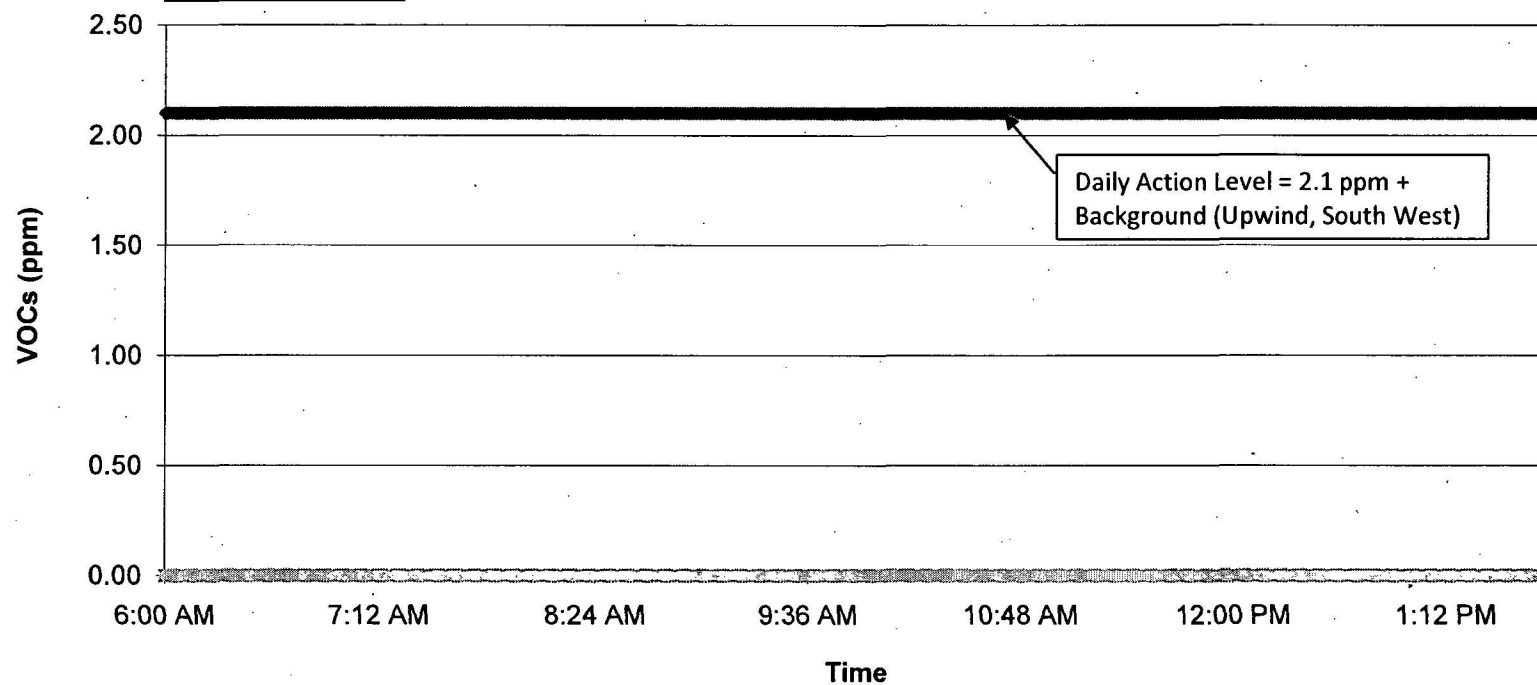
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 26, 2011**



◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× Upwind, South West Station [SW]	◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 26, 2011**



◆ DAL

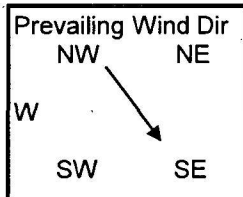
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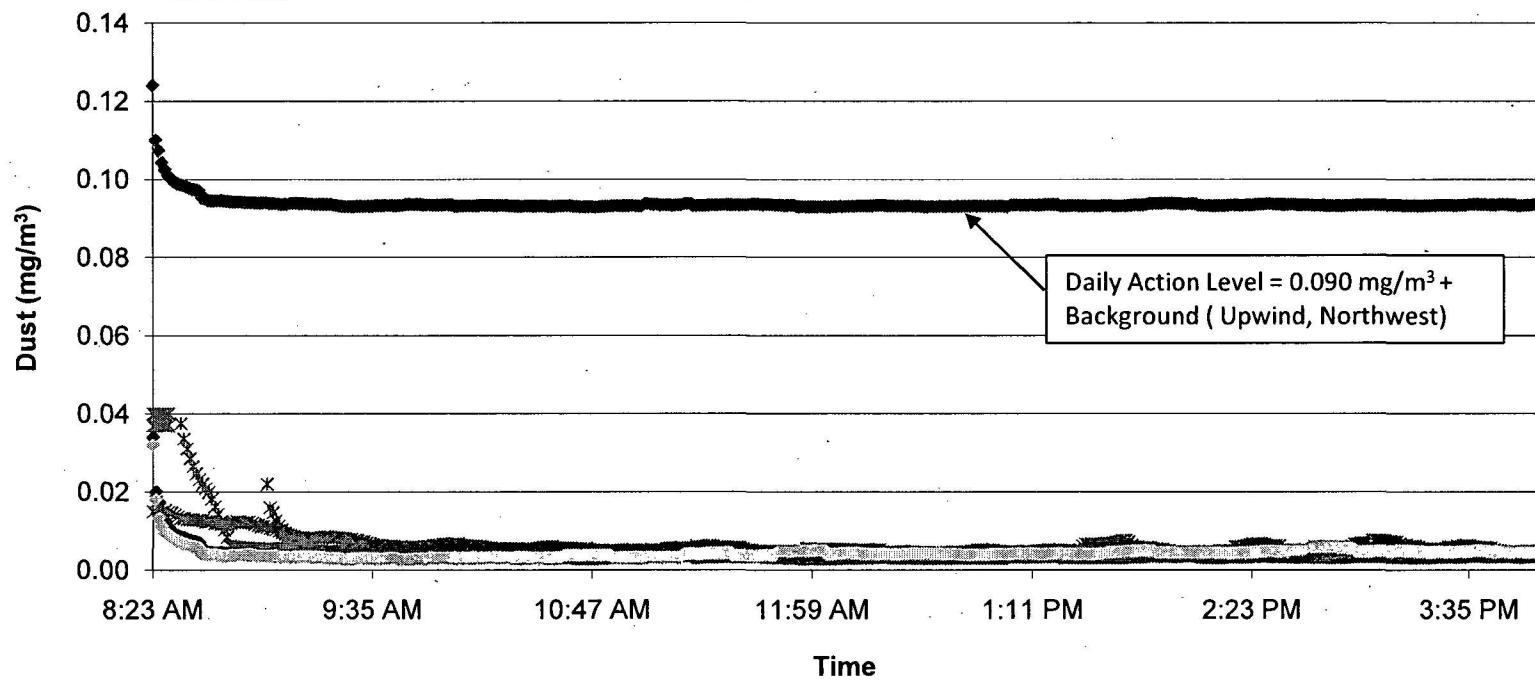
× South East Station [SE]

× Upwind, South West Station [SW]

◆ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 29, 2011**



◆ DAL

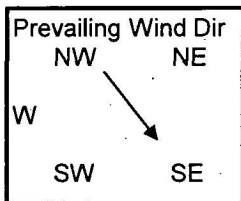
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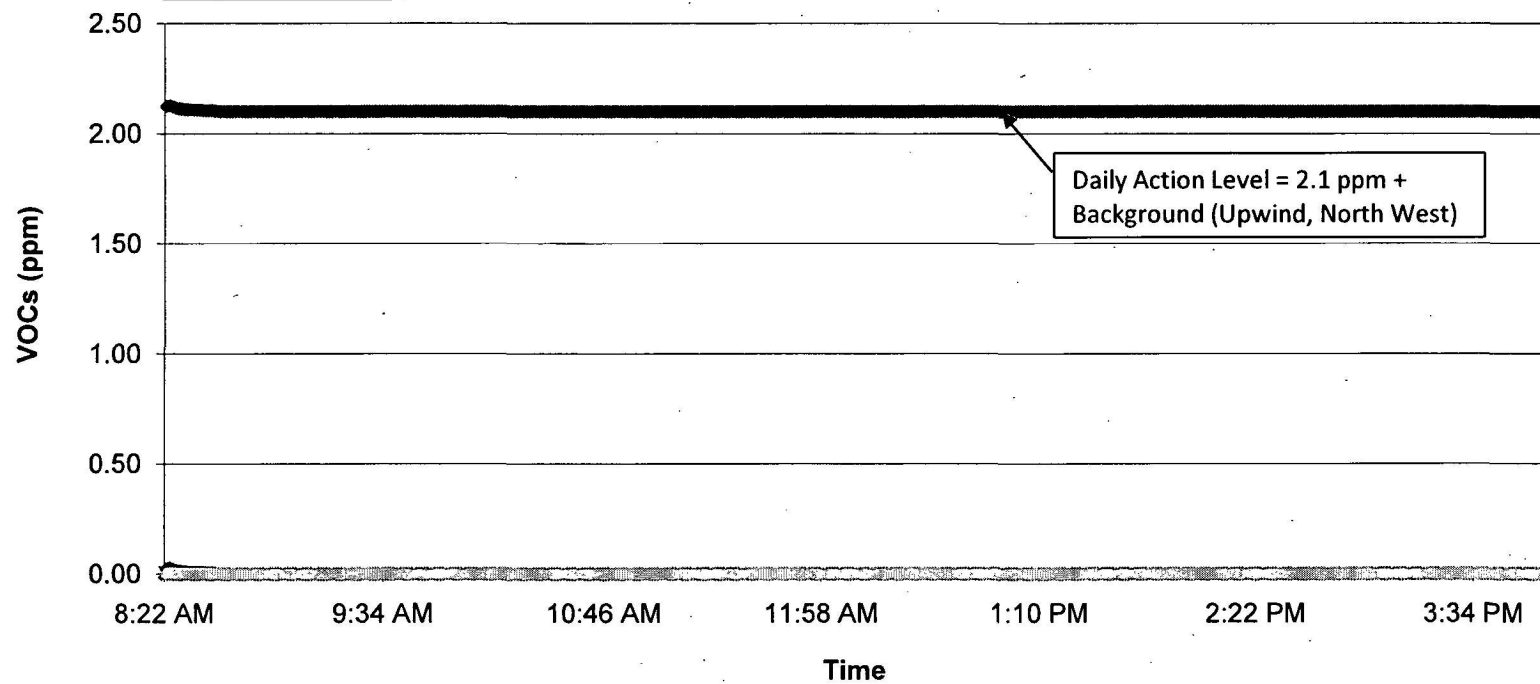
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◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 29, 2011**



◆ DAL

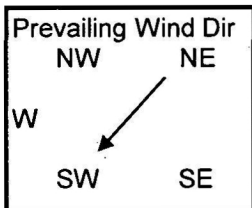
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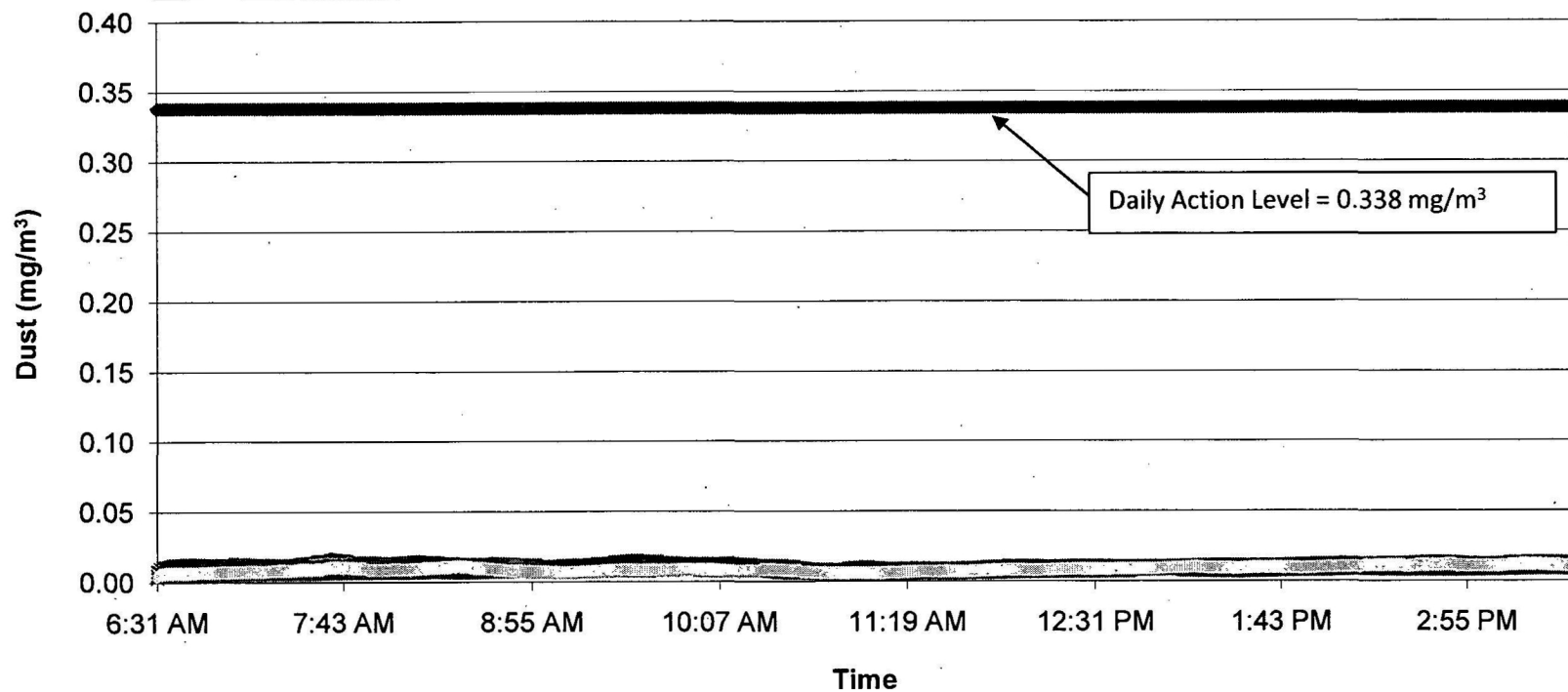
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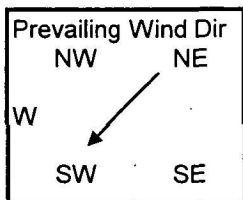
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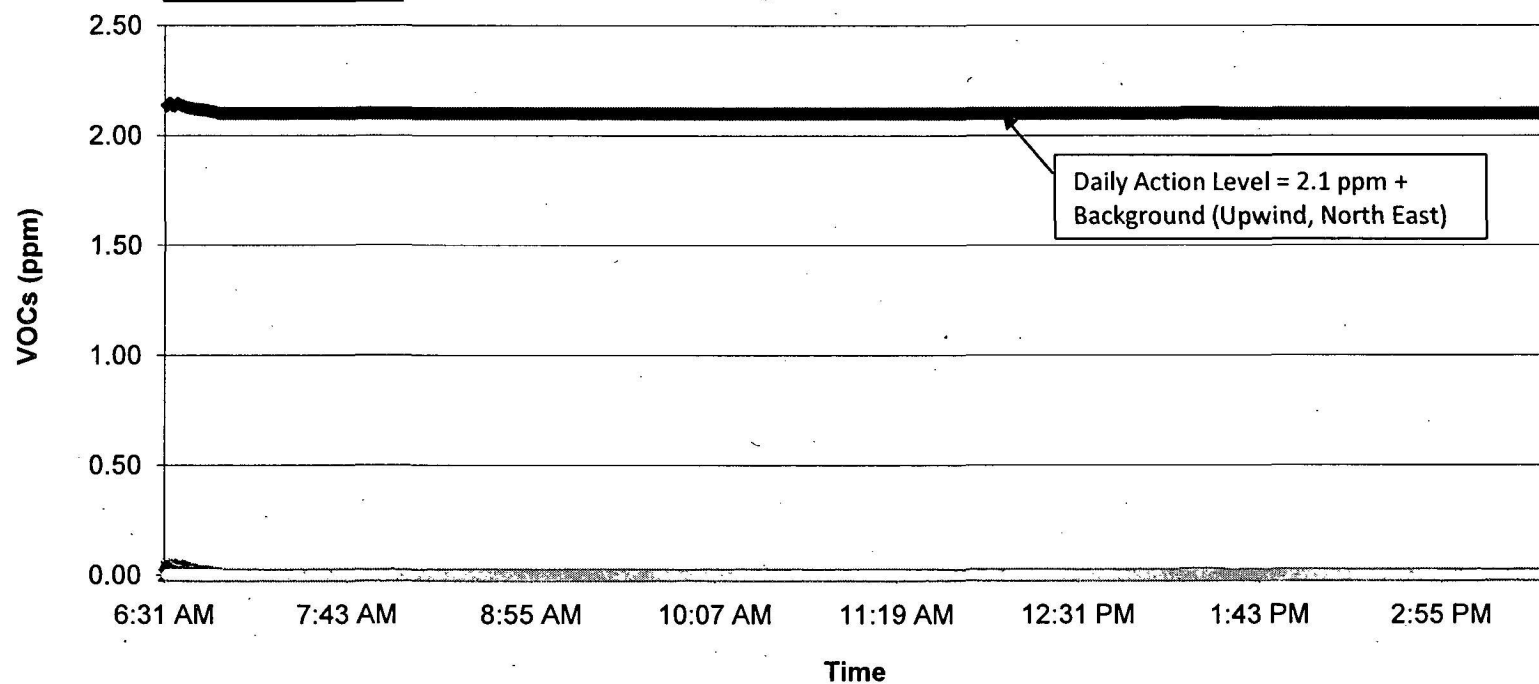
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 30, 2011**



◆ DAL	× Upwind, North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 30, 2011**



◆ DAL

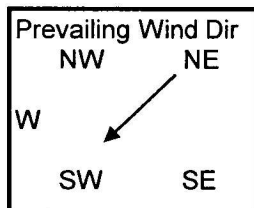
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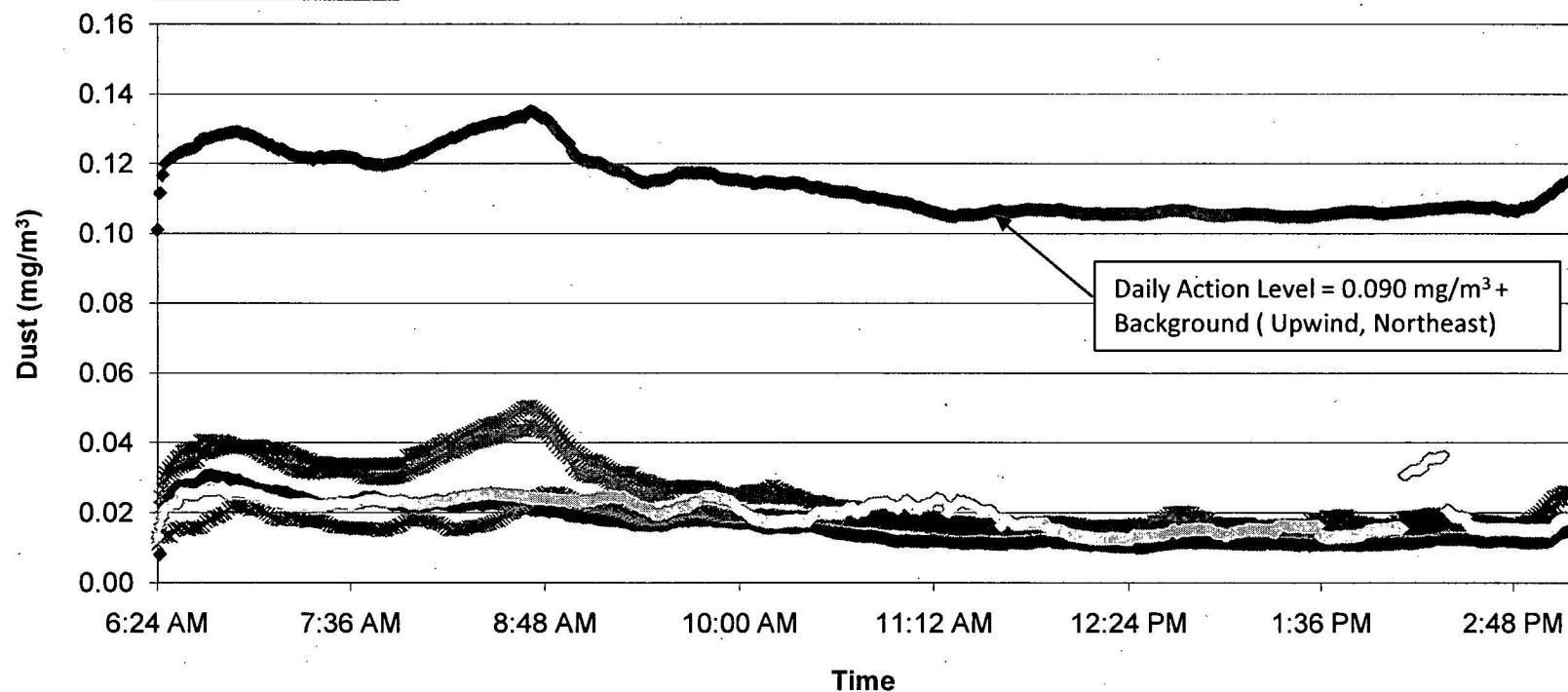
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**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 31, 2011**



◆ DAL

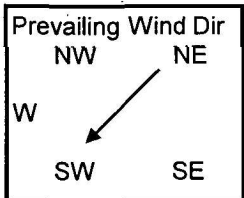
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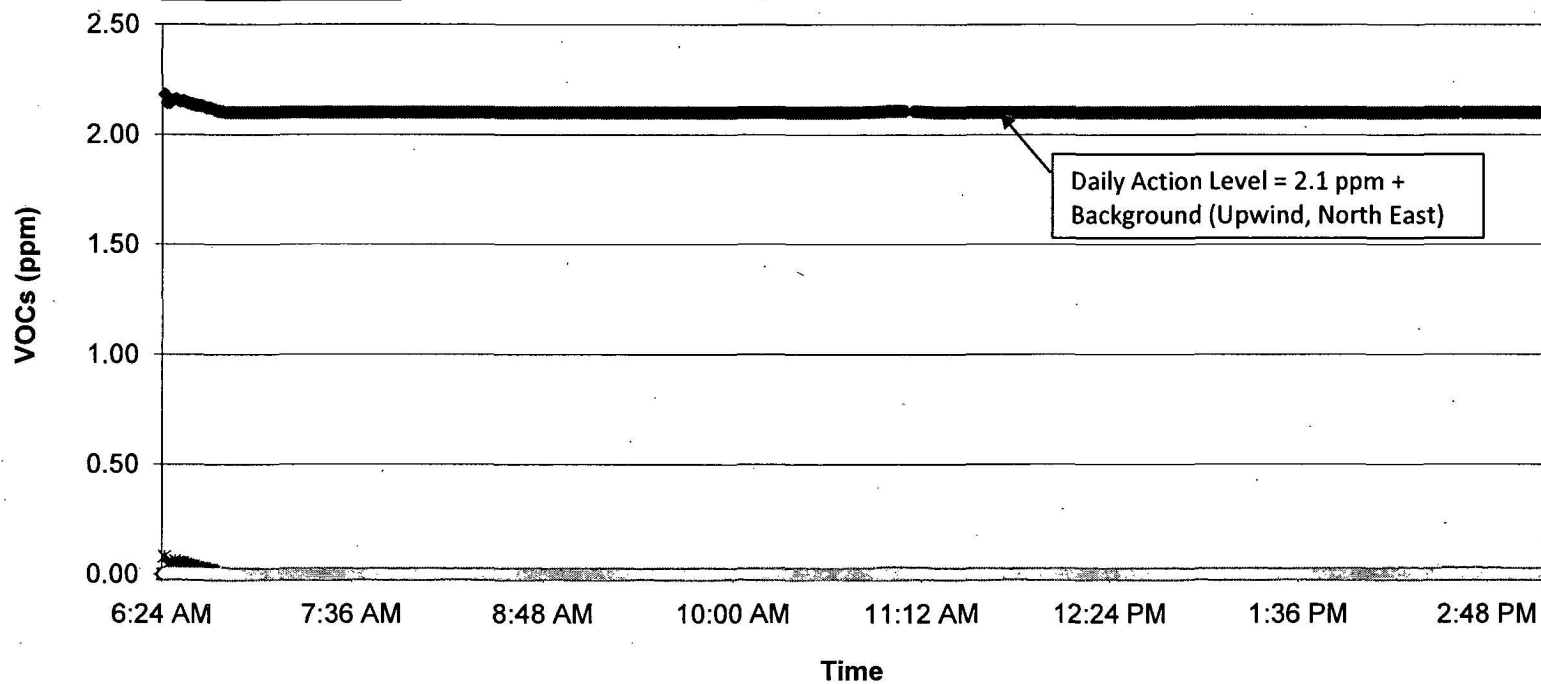
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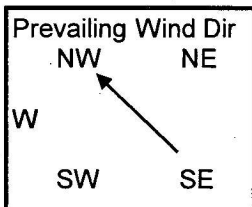
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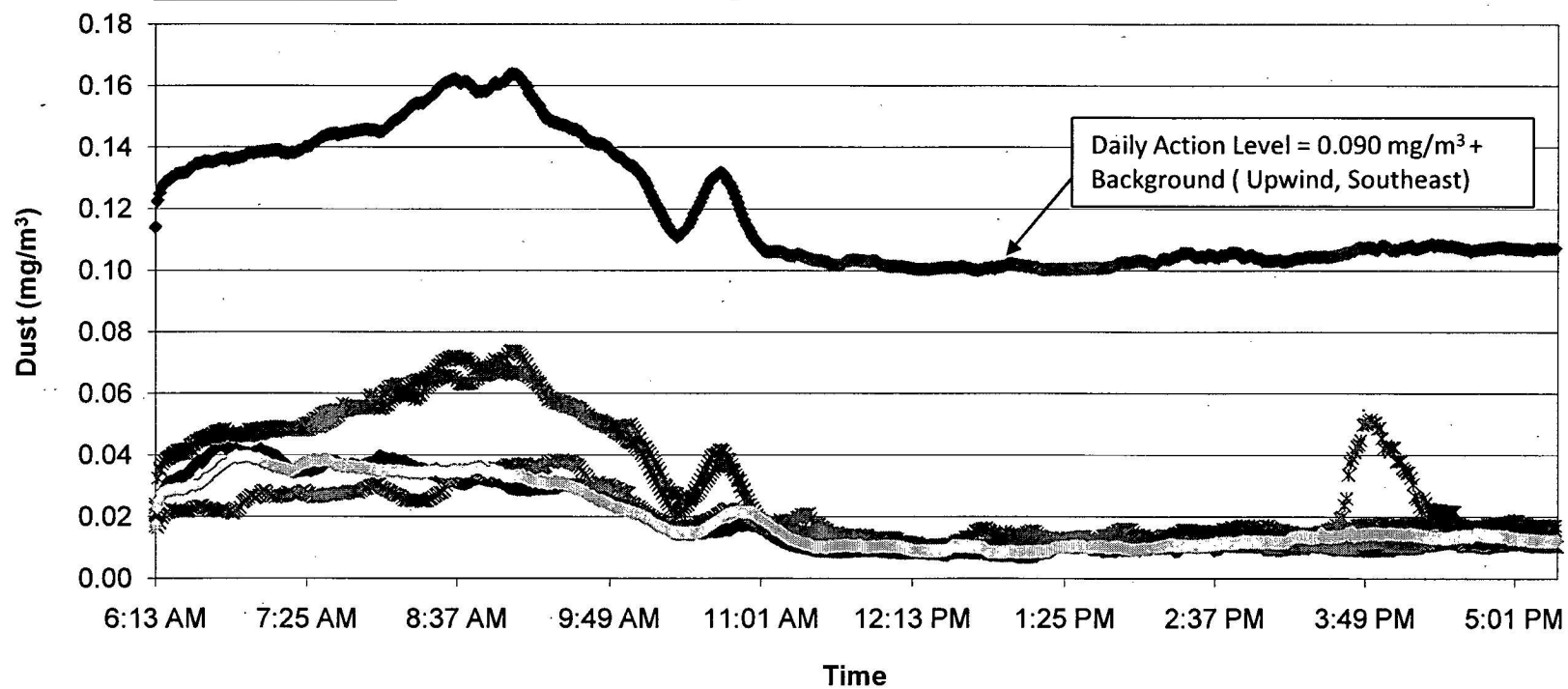
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
August 31, 2011**



◆ DAL	× Upwind, North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◇ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 1, 2011**



◆ DAL

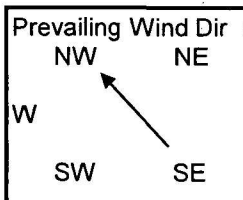
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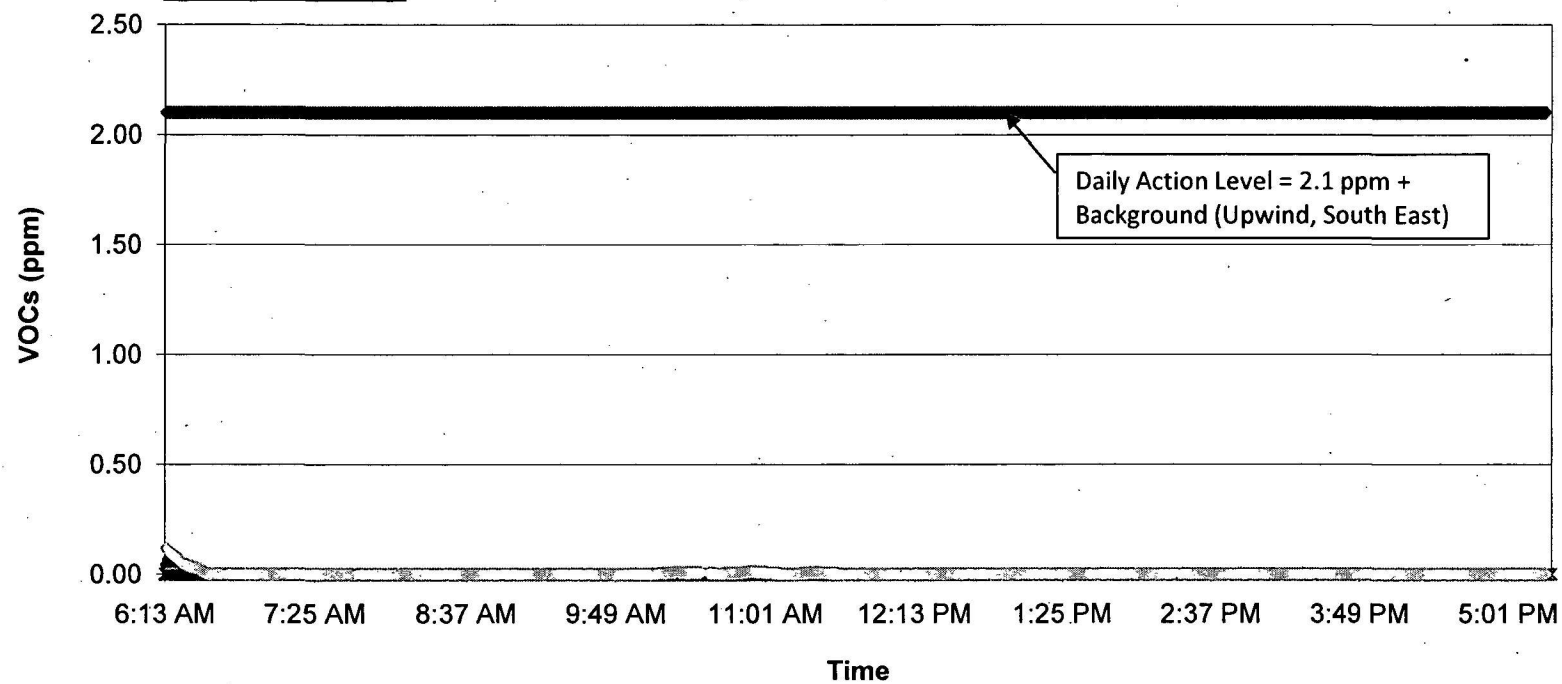
* Upwind, South East Station [SE]

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◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 1, 2011**



◆ DAL

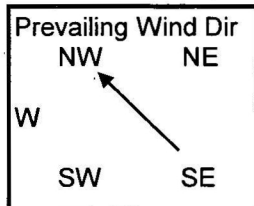
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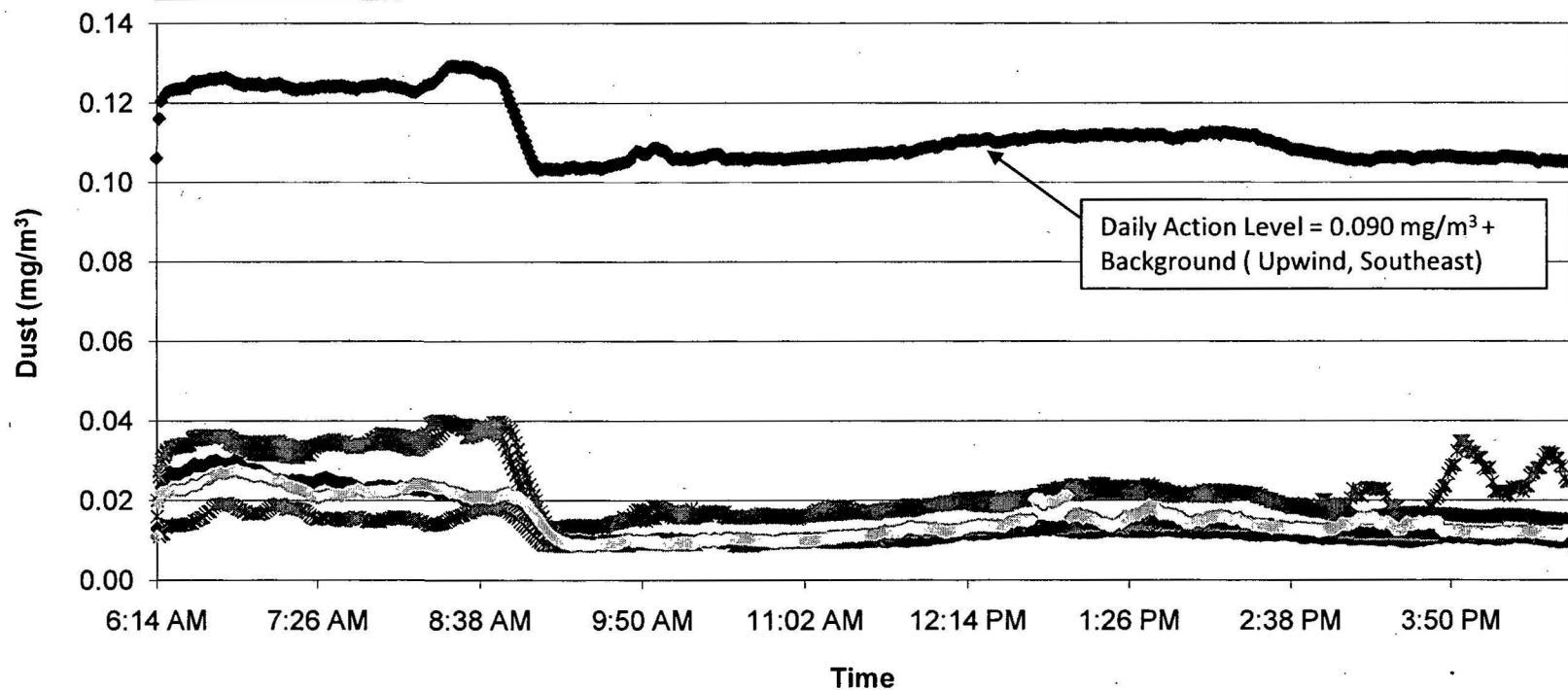
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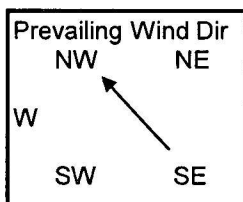
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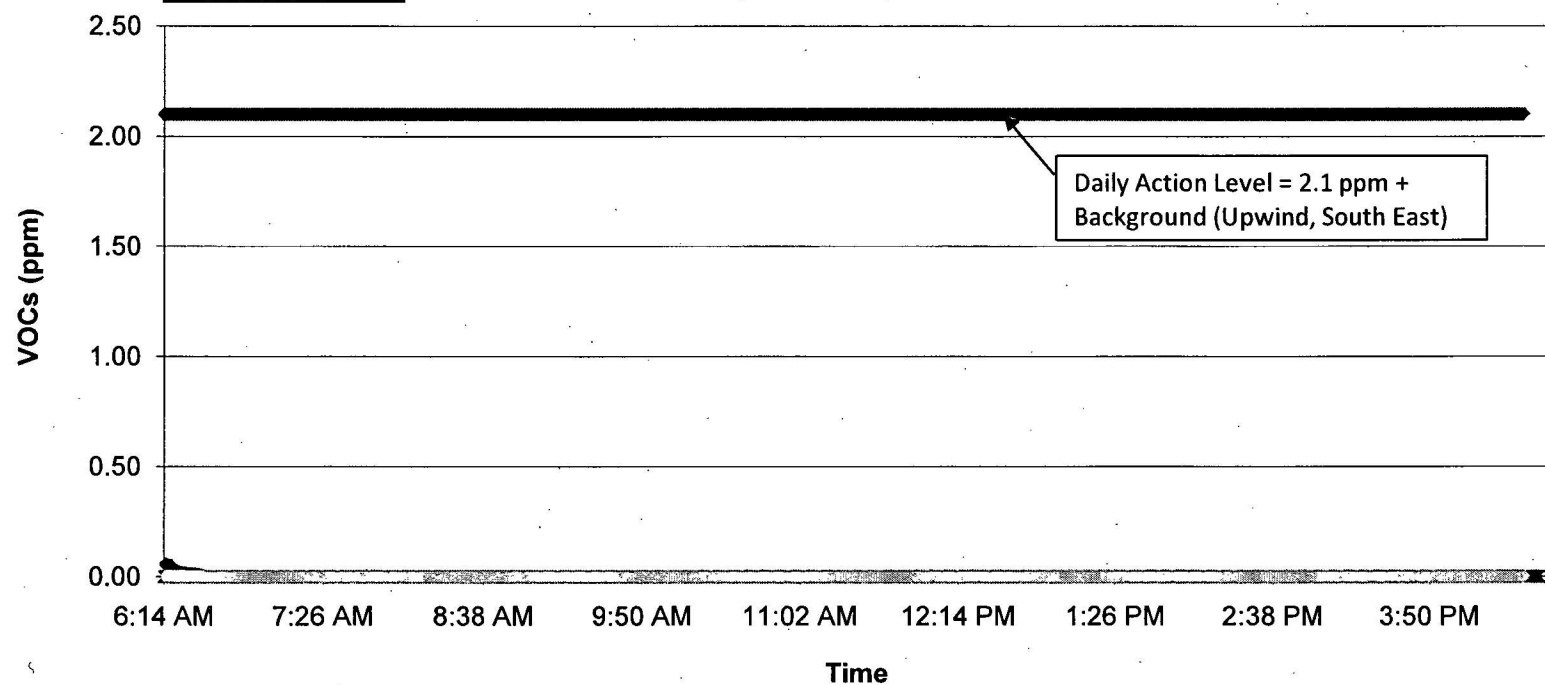
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 2, 2011**



◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× Upwind, South East Station [SE]	× South West Station [SW]	◇ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 2, 2011**



◆ DAL

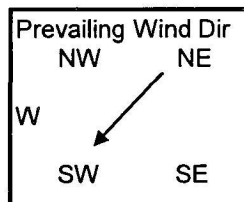
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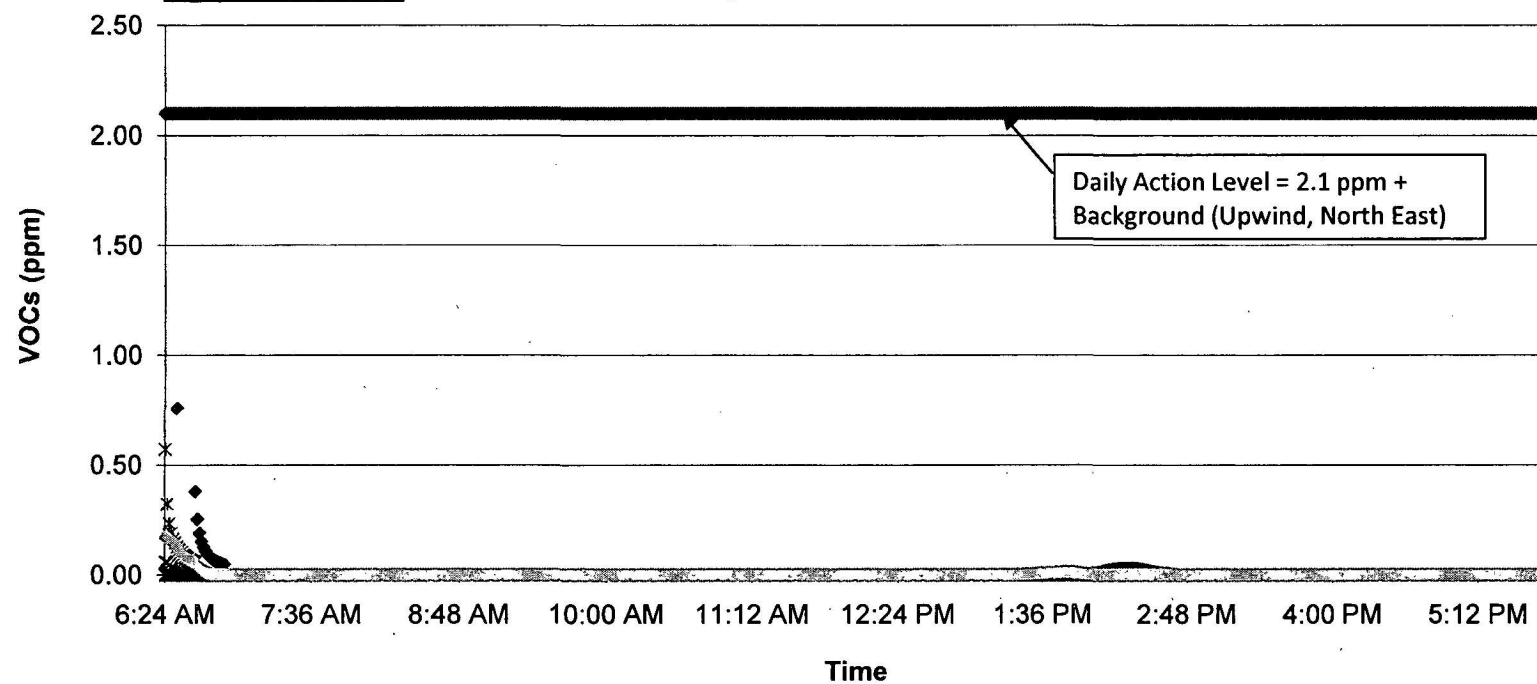
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**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 19, 2011**



◆ DAL

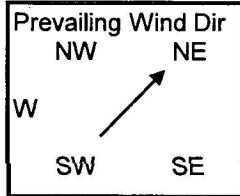
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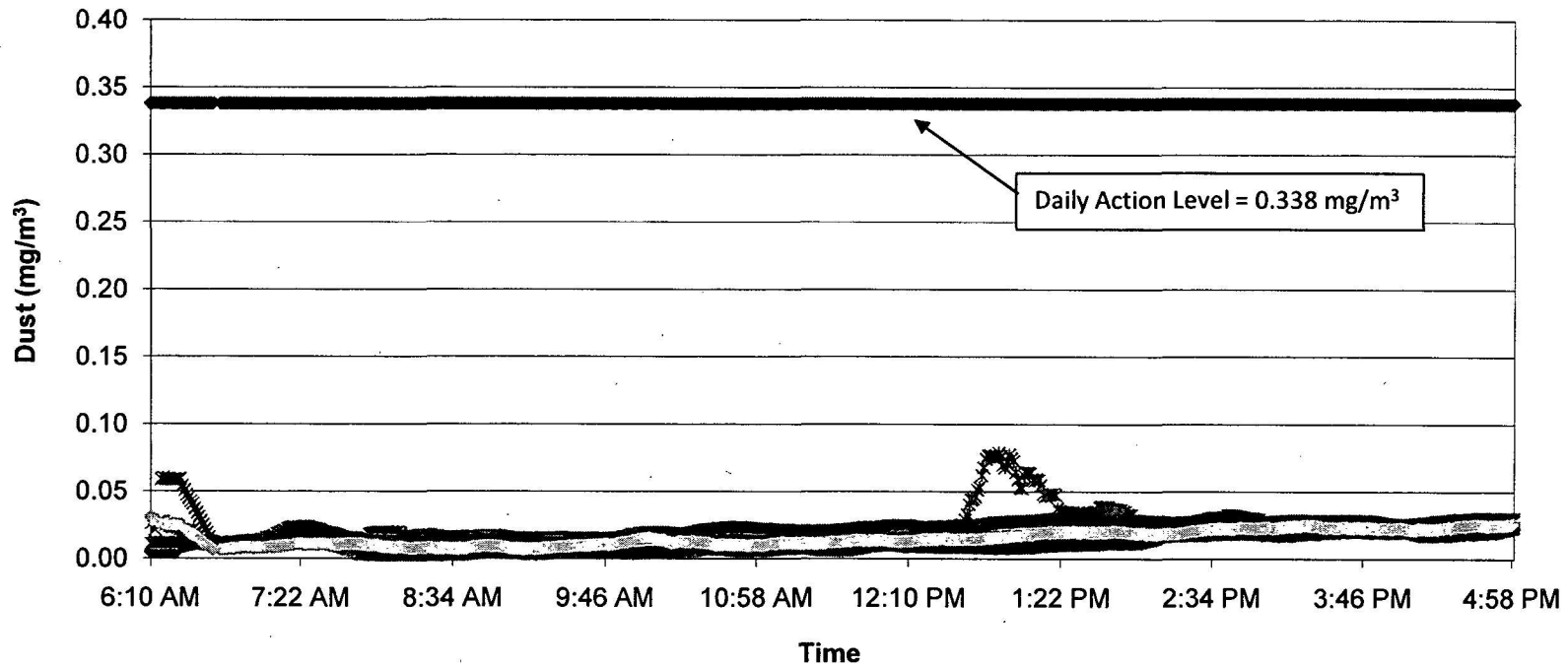
× South East Station [SE]

× South West Station [SW]

◇ West Station [W]



**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 20, 2011**



◆ DAL

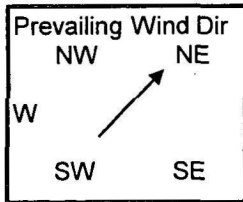
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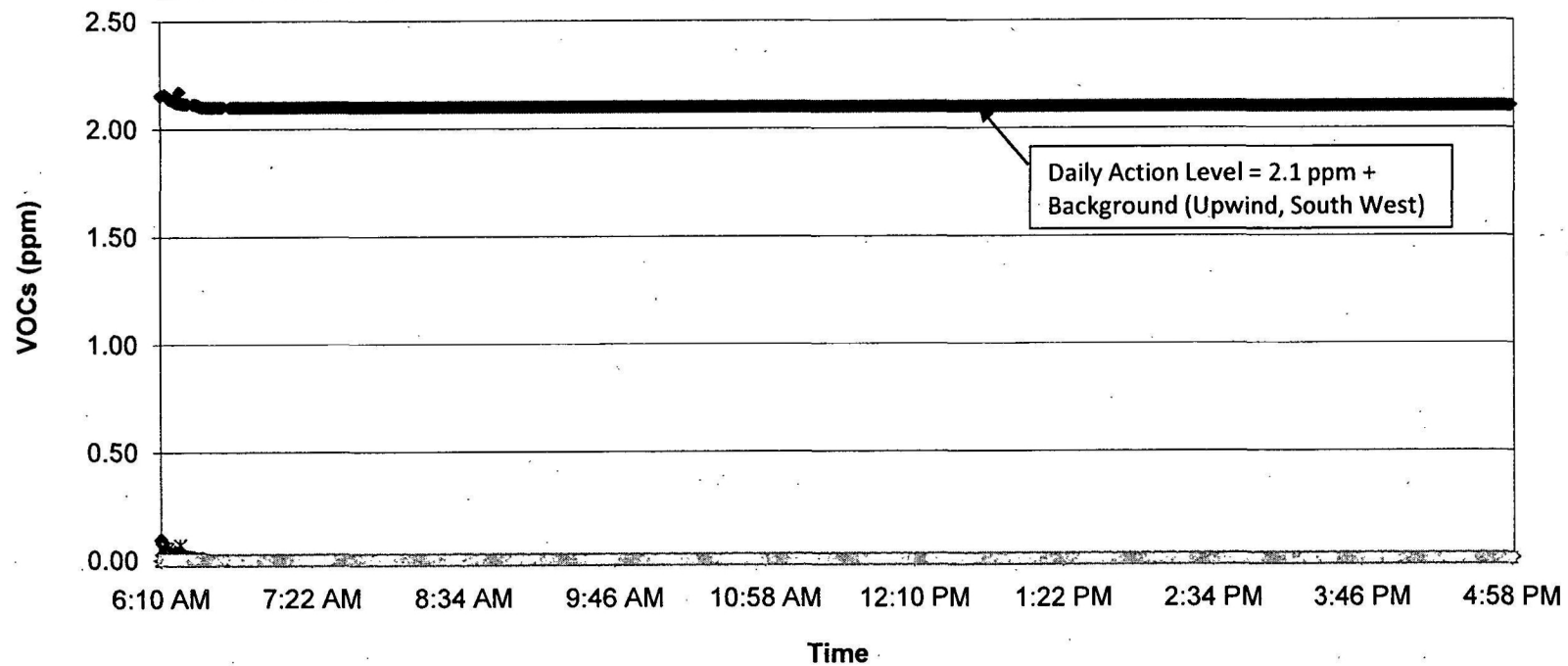
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◆ North West Station [NW]

◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 20, 2011**



◆ DAL

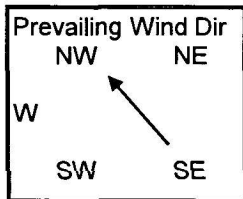
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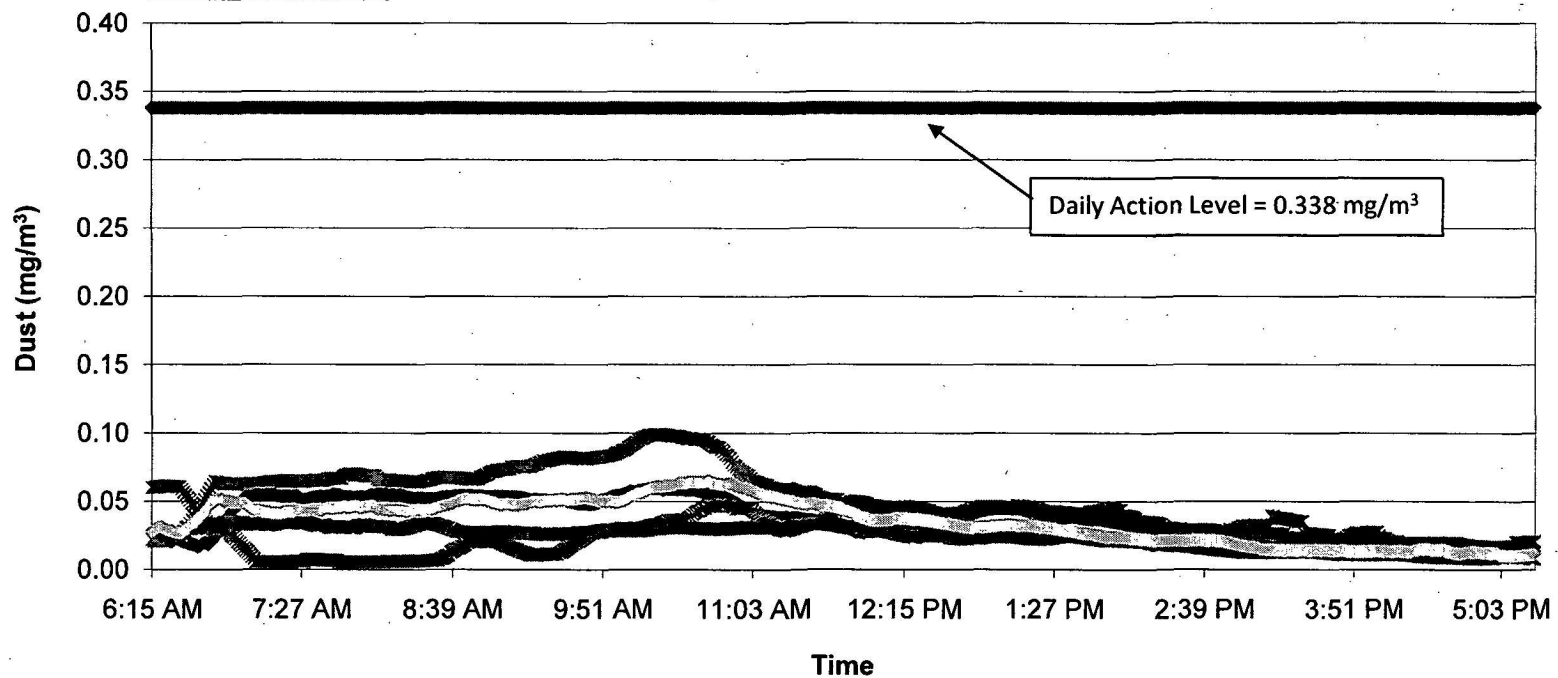
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× Upwind, South West Station [SW]

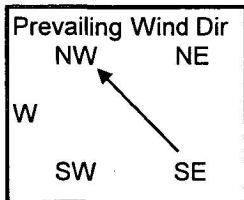
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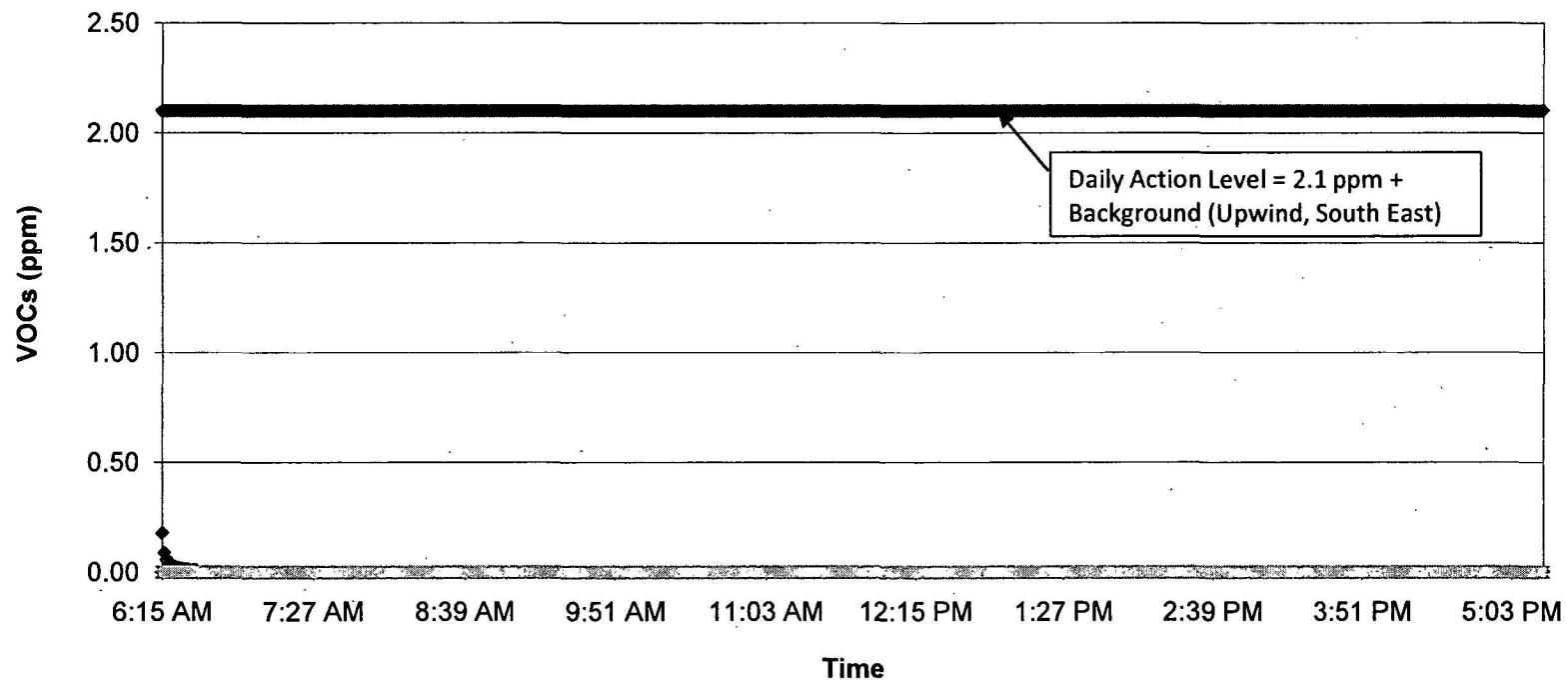
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 21, 2011**



◆ DAL	* North East Station [NE]	◆ North West Station [NW]
* Upwind, South East Station [SE]	* South West Station [SW]	◇ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 21, 2011**



◆ DAL

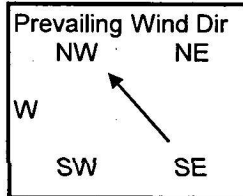
* North East Station [NE]

◆ North West Station [NW]

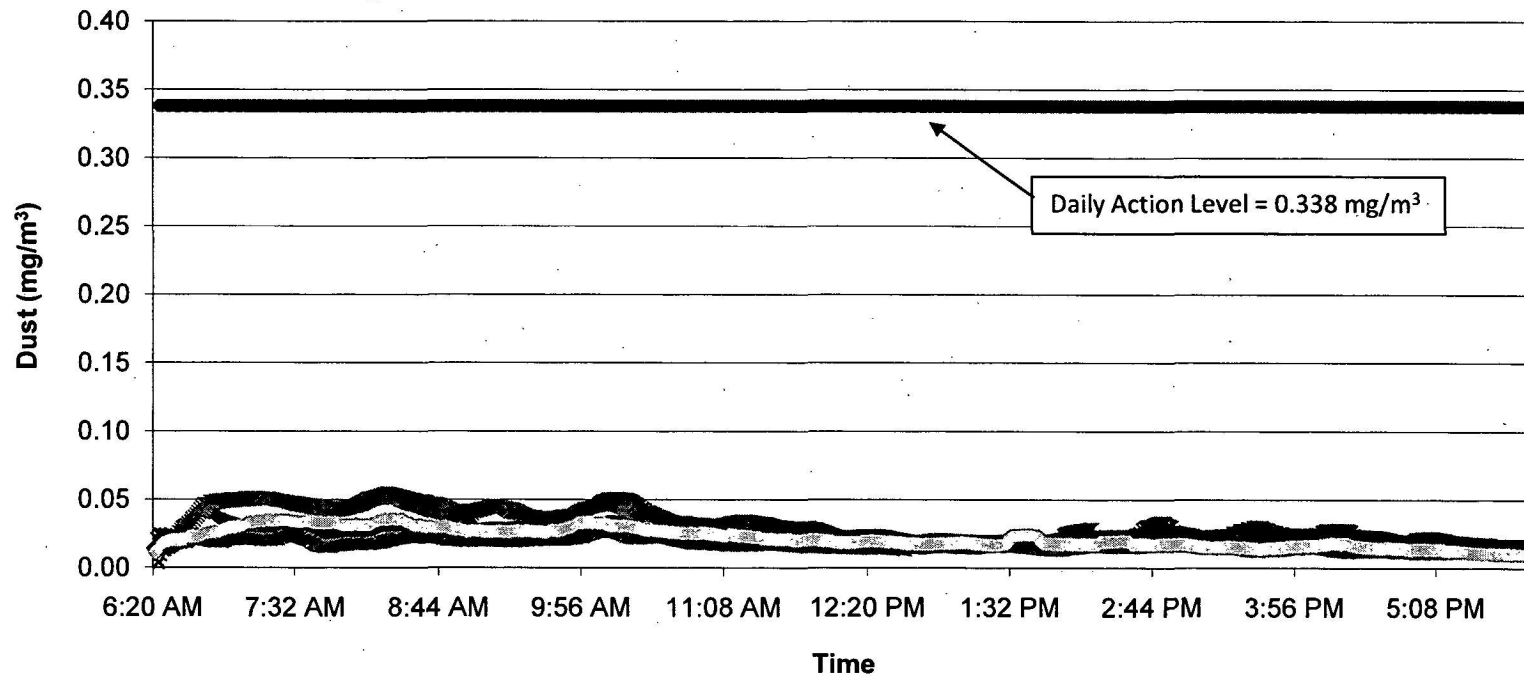
* Upwind, South East Station [SE]

* South West Station [SW]

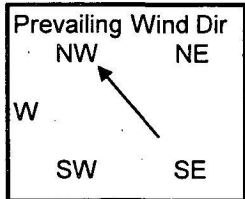
◆ West Station [W]



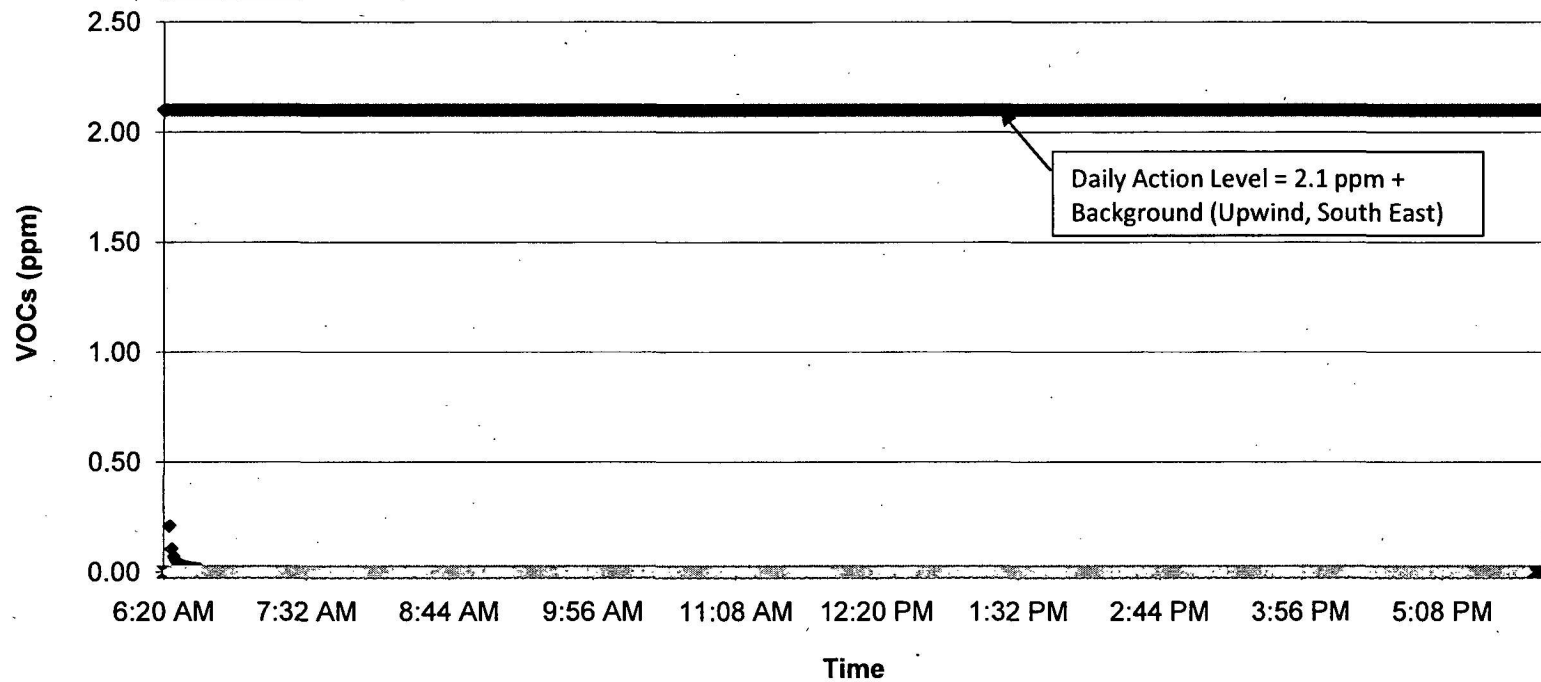
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 22, 2011**



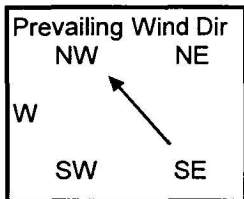
◆ DAL	* North East Station [NE]	◆ North West Station [NW]
* Upwind, South East Station [SE]	* South West Station [SW]	◇ West Station [W]



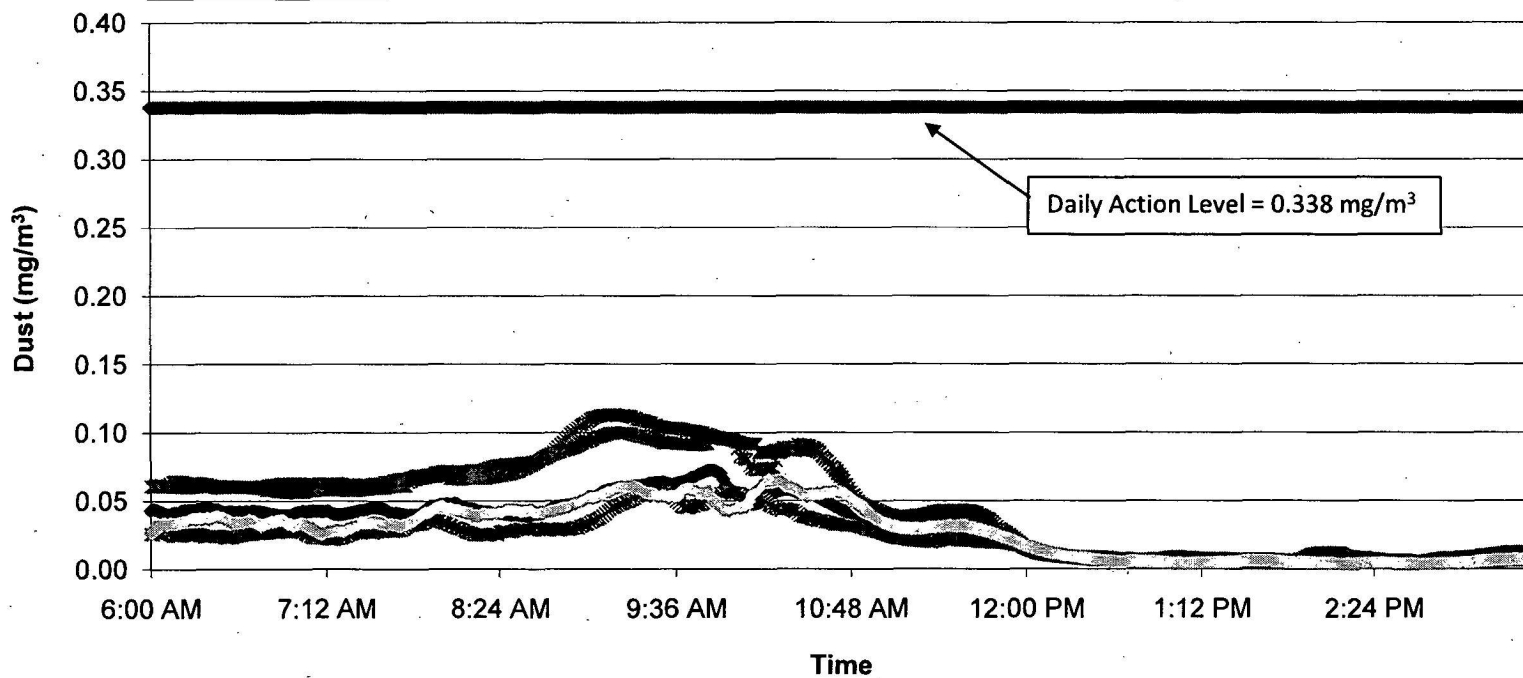
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 22, 2011**



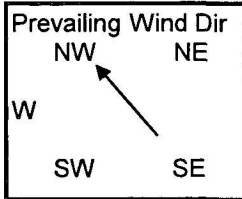
◆ DAL	* North East Station [NE]	◆ North West Station [NW]
* Upwind, South East Station [SE]	* South West Station [SW]	◆ West Station [W]



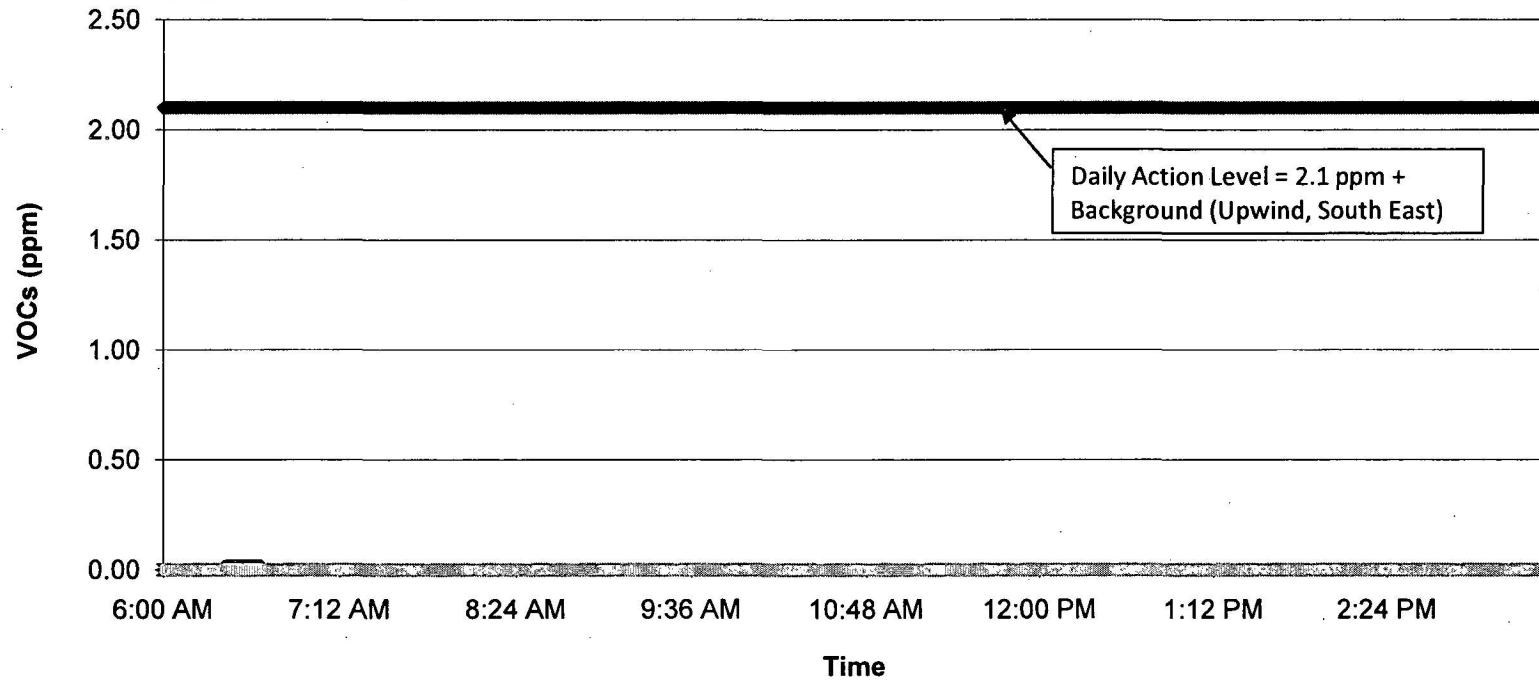
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 23, 2011**



◆ DAL	* North East Station [NE]	◆ North West Station [NW]
* Upwind, South East Station [SE]	* South West Station [SW]	◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 23, 2011**



◆ DAL

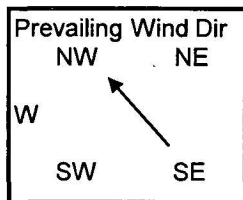
× North East Station [NE]

◆ North West Station [NW]

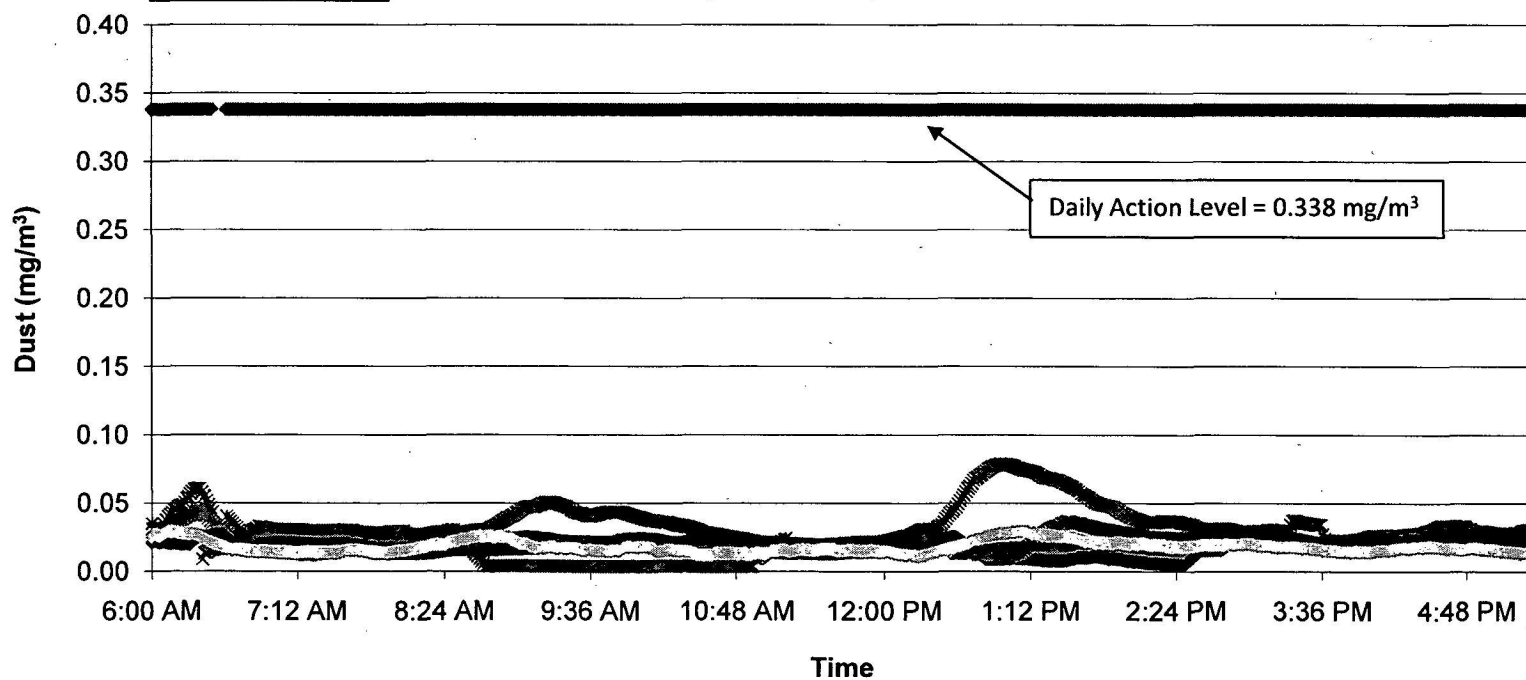
× Upwind, South East Station [SE]

× South West Station [SW]

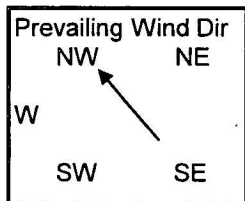
◇ West Station [W]



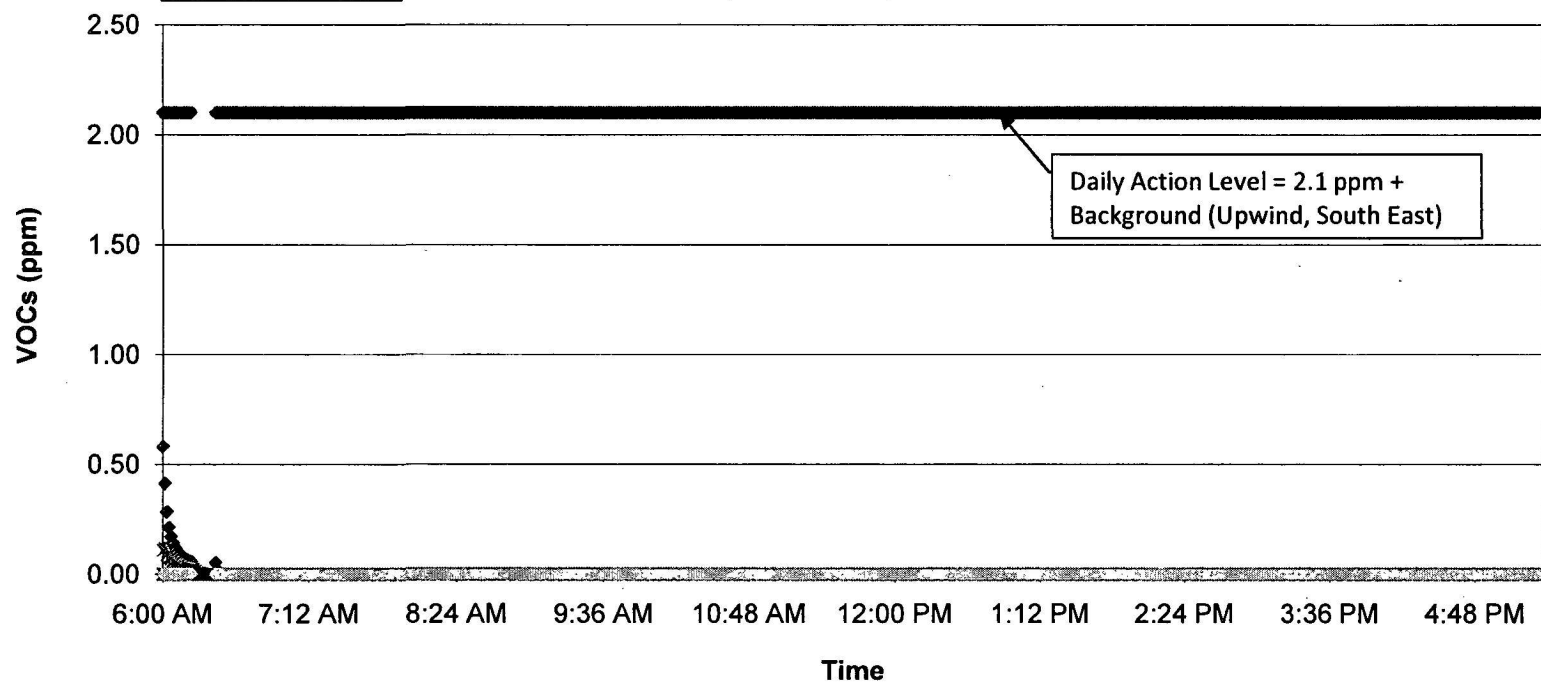
Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 26, 2011



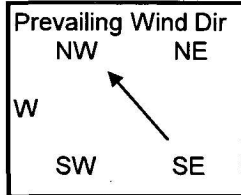
◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× Upwind, South East Station [SE]	× South West Station [SW]	◆ West Station [W]



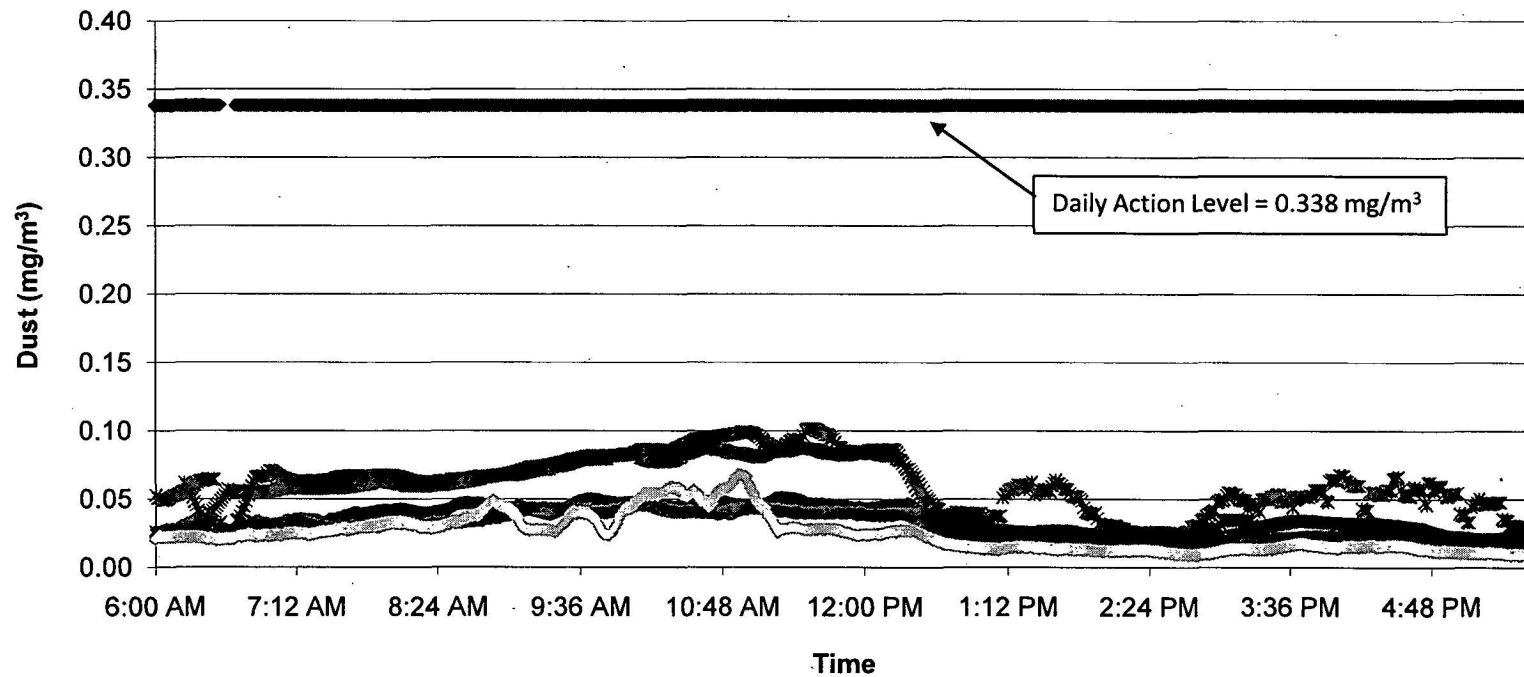
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 26, 2011**



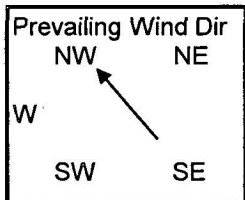
◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× Upwind, South East Station [SE]	× South West Station [SW]	◆ West Station [W]



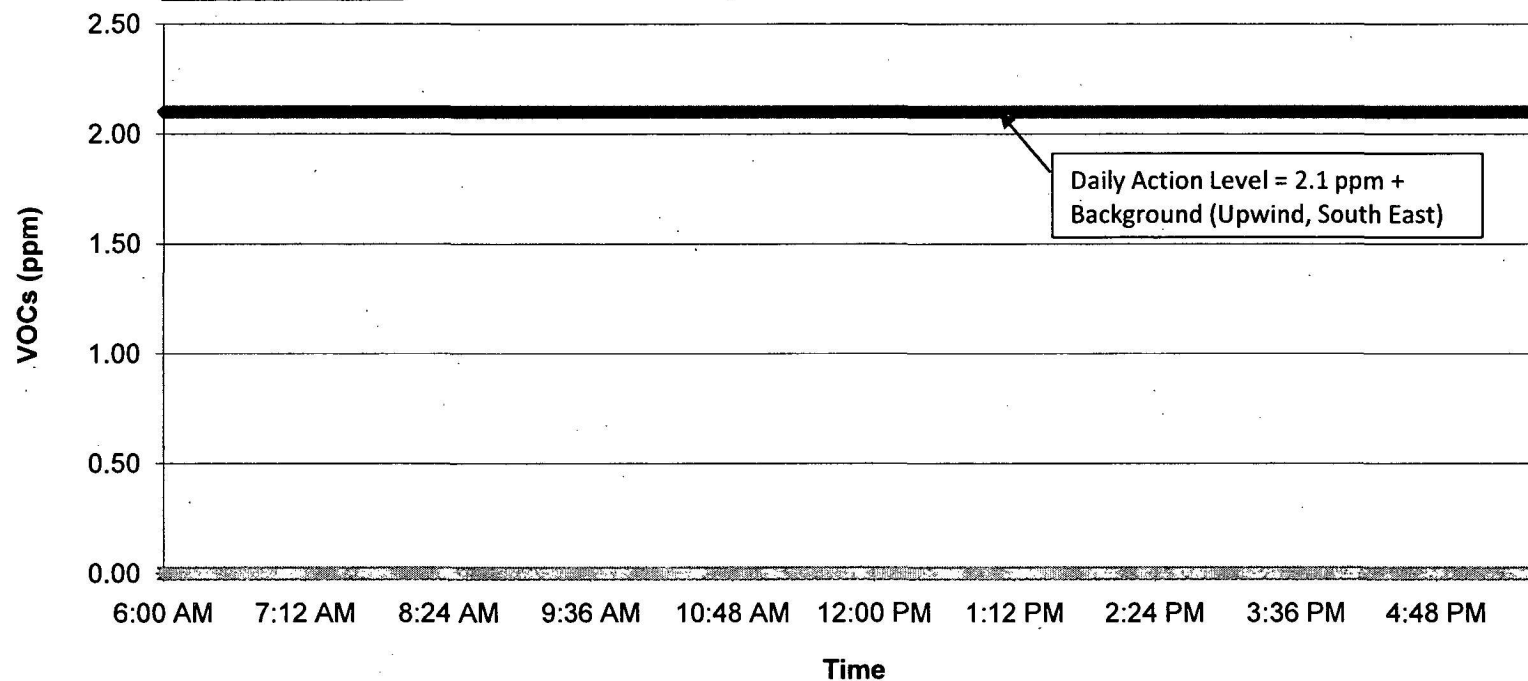
Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 27, 2011



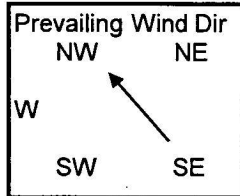
◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× Upwind, South East Station [SE]	× South West Station [SW]	◇ West Station [W]



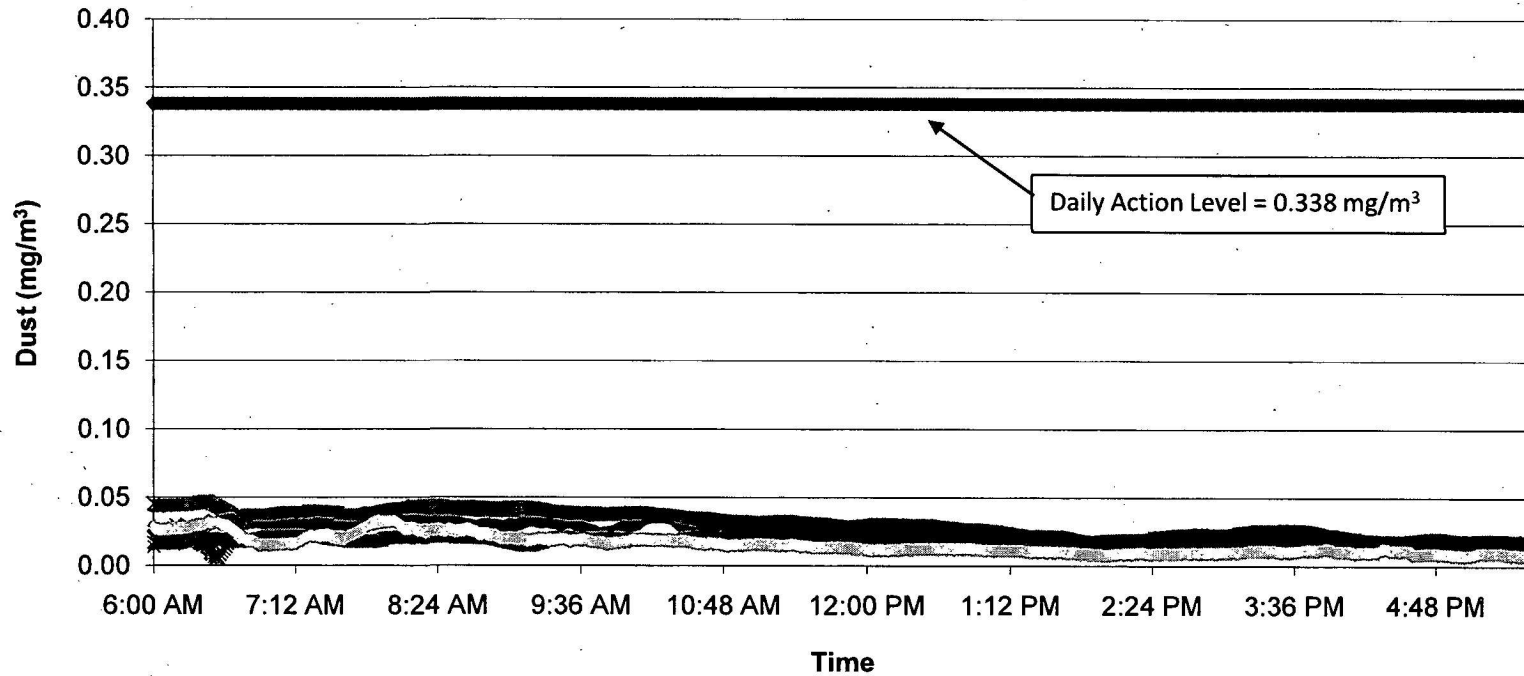
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 27, 2011**



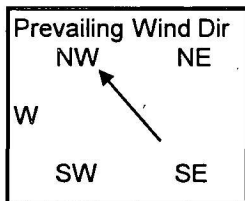
◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× Upwind, South East Station [SE]	× South West Station [SW]	◇ West Station [W]



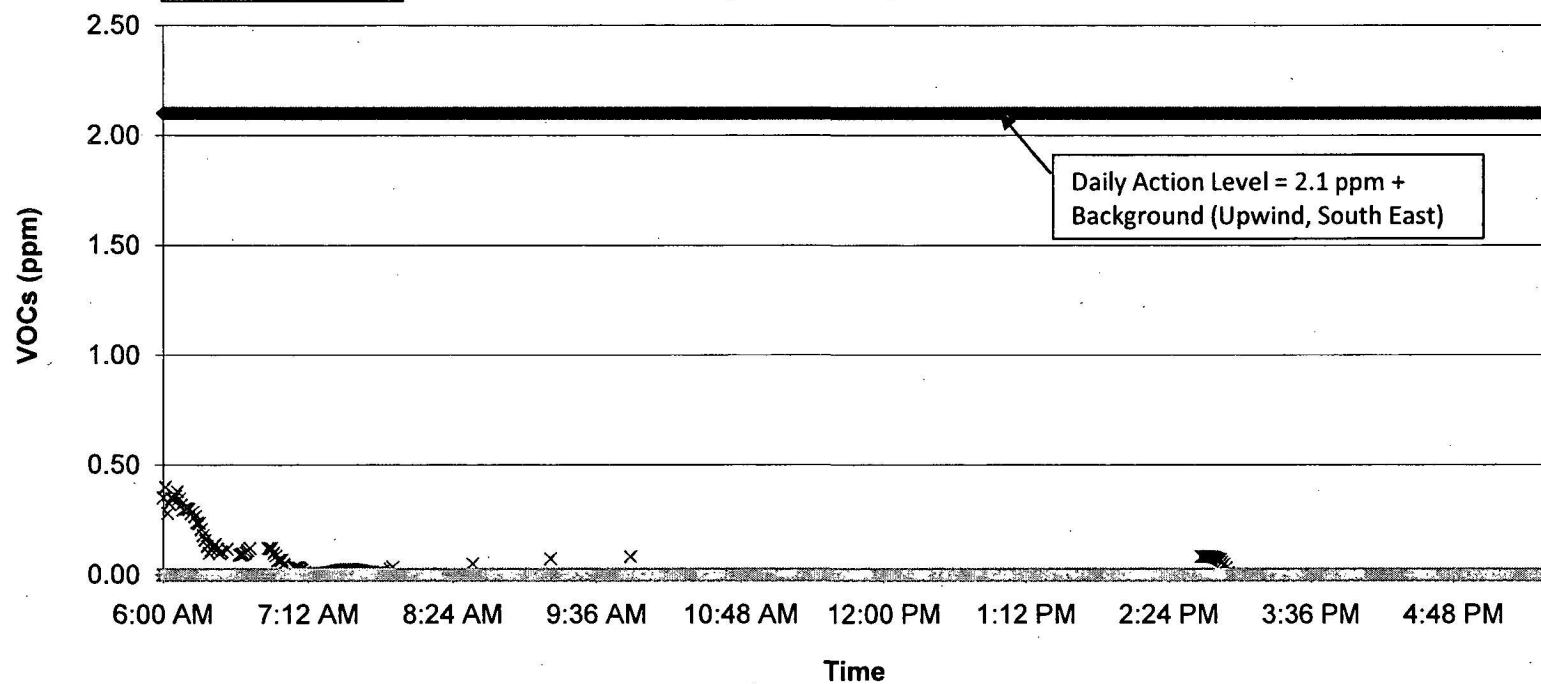
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 28, 2011**



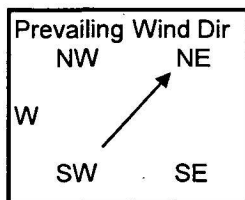
◆ DAL	* North East Station [NE]	◆ North West Station [NW]
* Upwind, South East Station [SE]	* South West Station [SW]	◇ West Station [W]



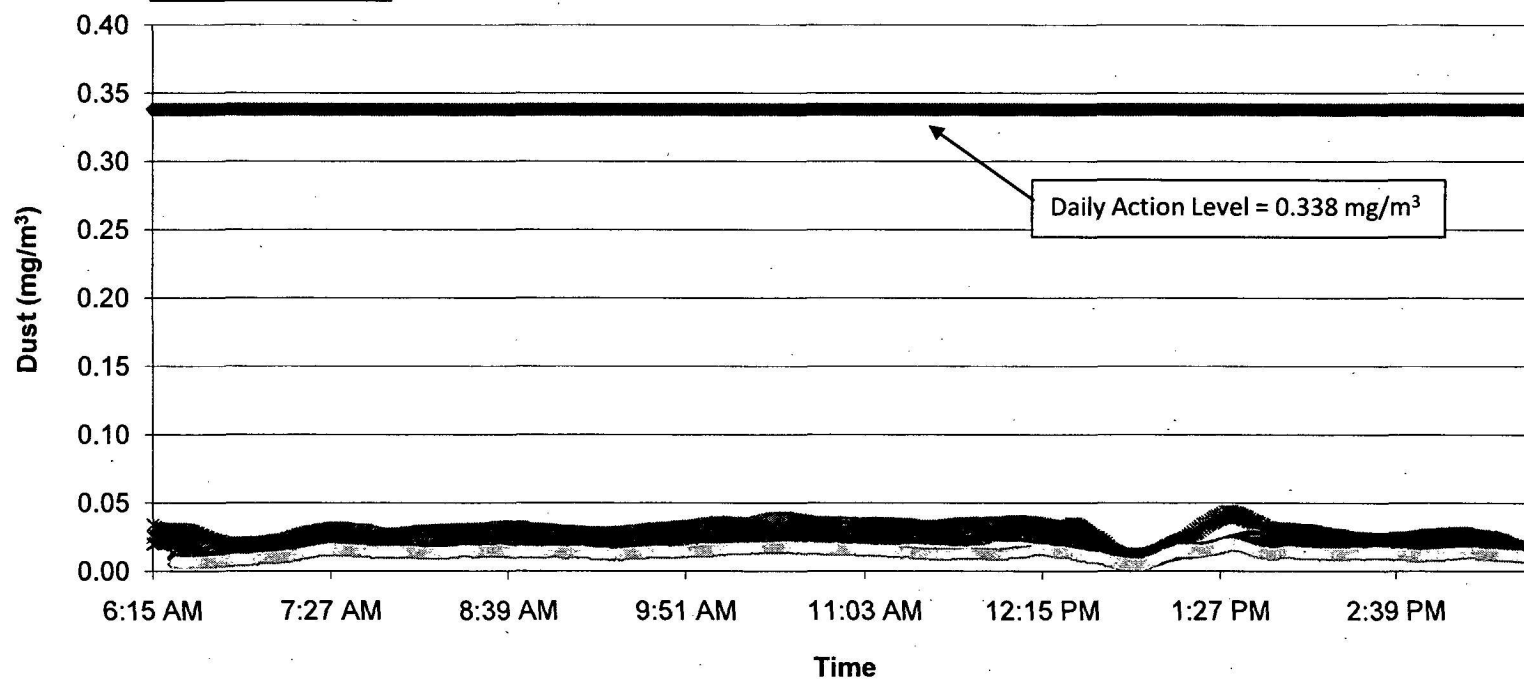
**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 28, 2011**



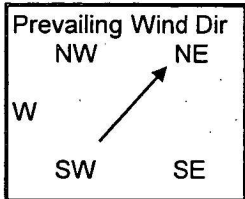
◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× Upwind, South East Station [SE]	× South West Station [SW]	◇ West Station [W]



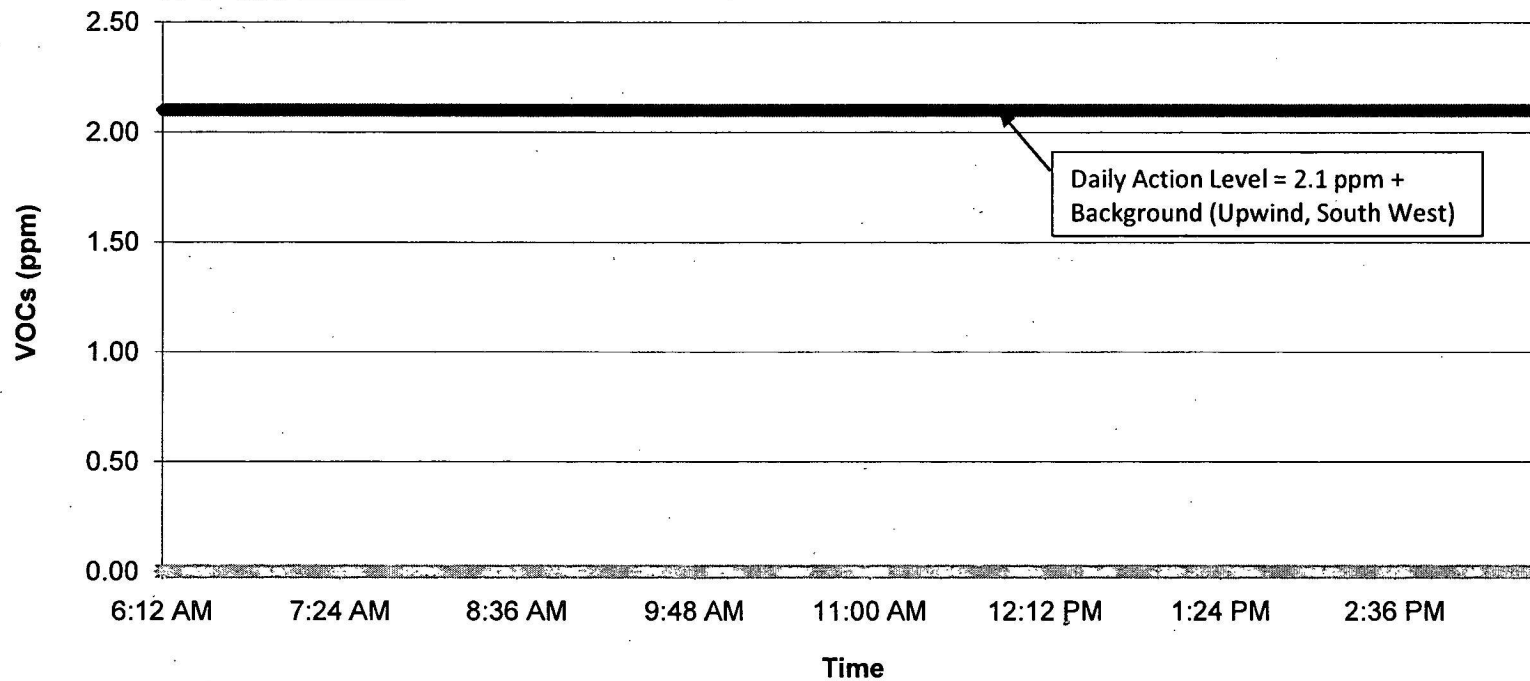
Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 29, 2011



◆ DAL	* North East Station [NE]	◆ North West Station [NW]
* South East Station [SE]	* Upwind, South West Station [SW]	◆ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 29, 2011**



◆ DAL

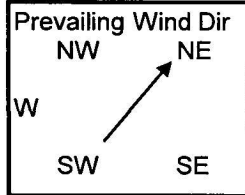
× North East Station [NE]

◆ North West Station [NW]

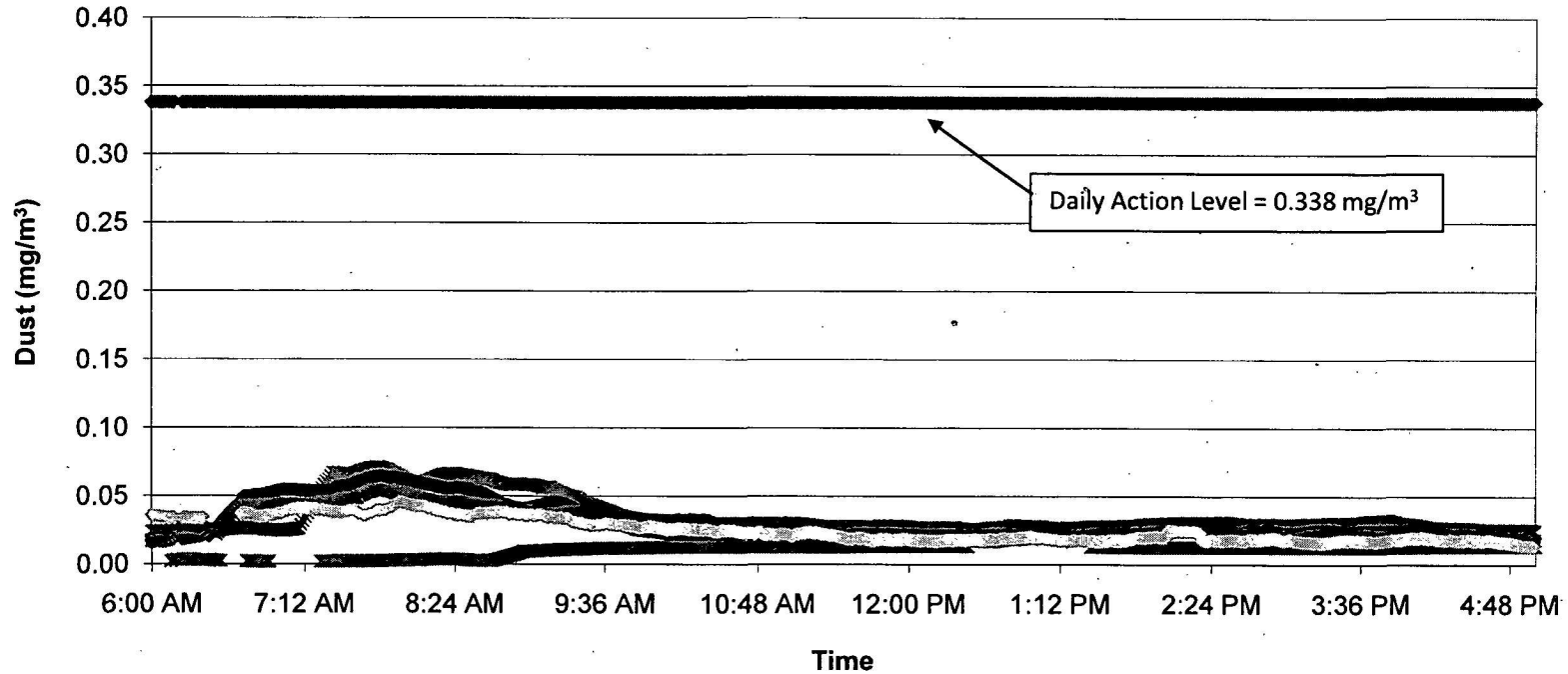
× South East Station [SE]

× Upwind, South West Station [SW]

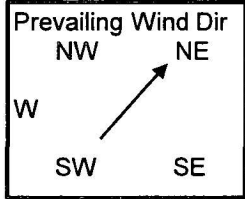
◆ West Station [W]



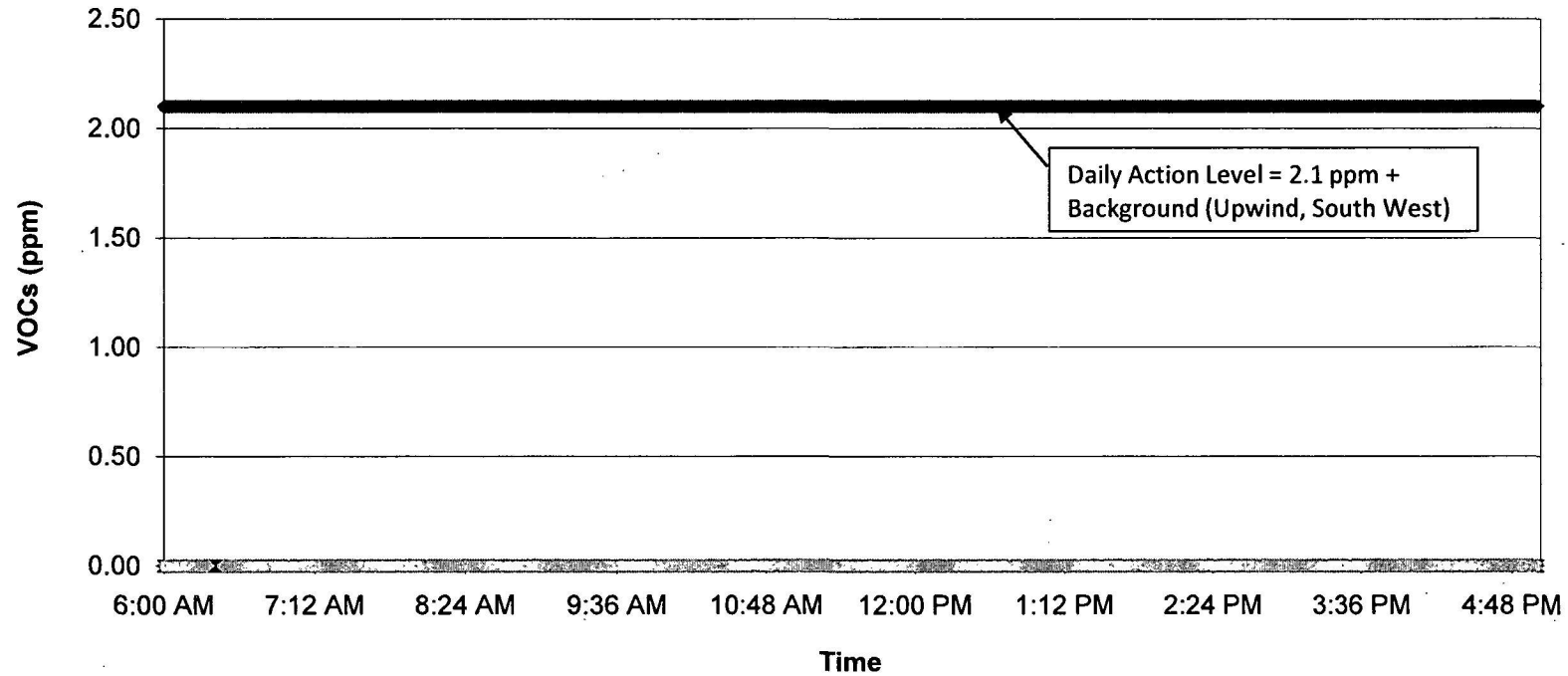
Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 30, 2011



◆ DAL	× North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× Upwind, South West Station [SW]	◇ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
September 30, 2011**



◆ DAL

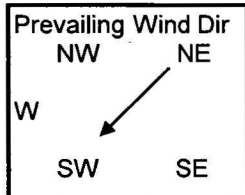
× North East Station [NE]

◆ North West Station [NW]

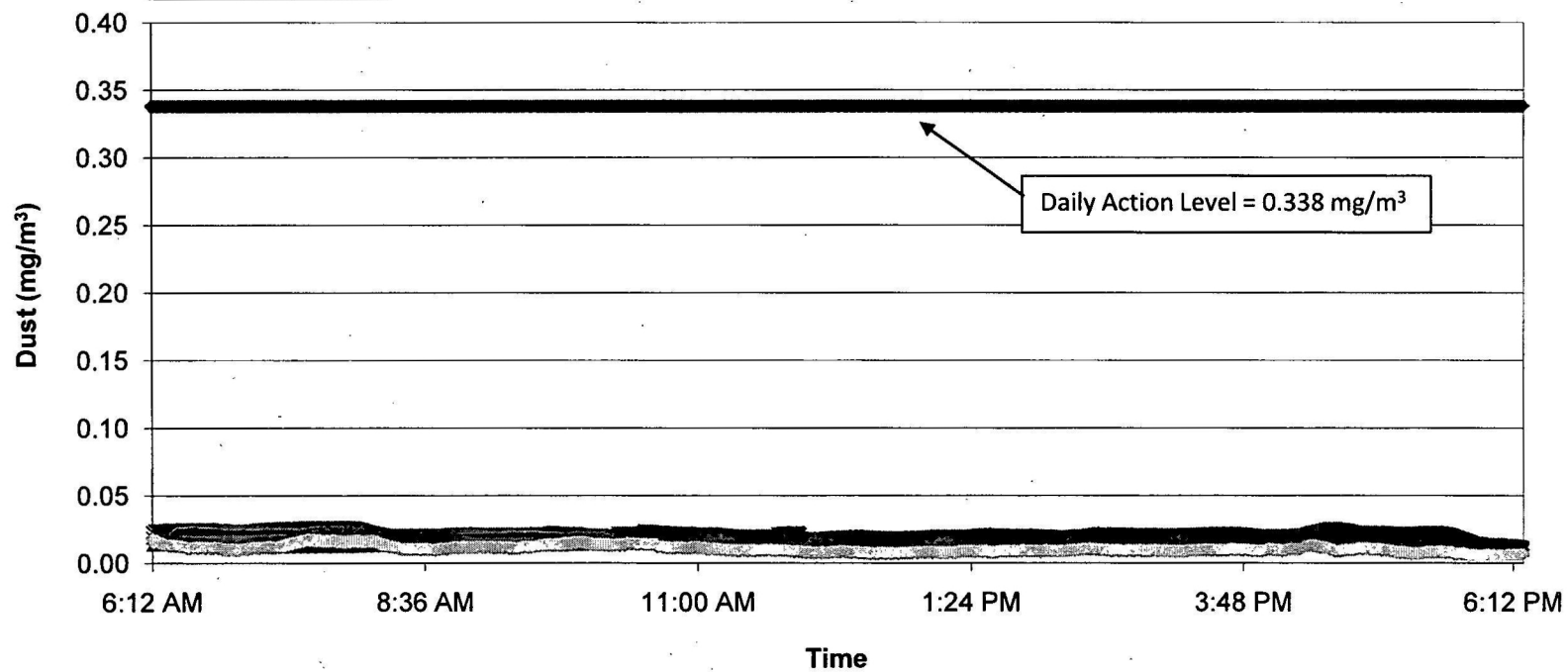
× South East Station [SE]

× Upwind, South West Station [SW]

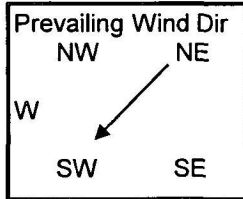
◇ West Station [W]



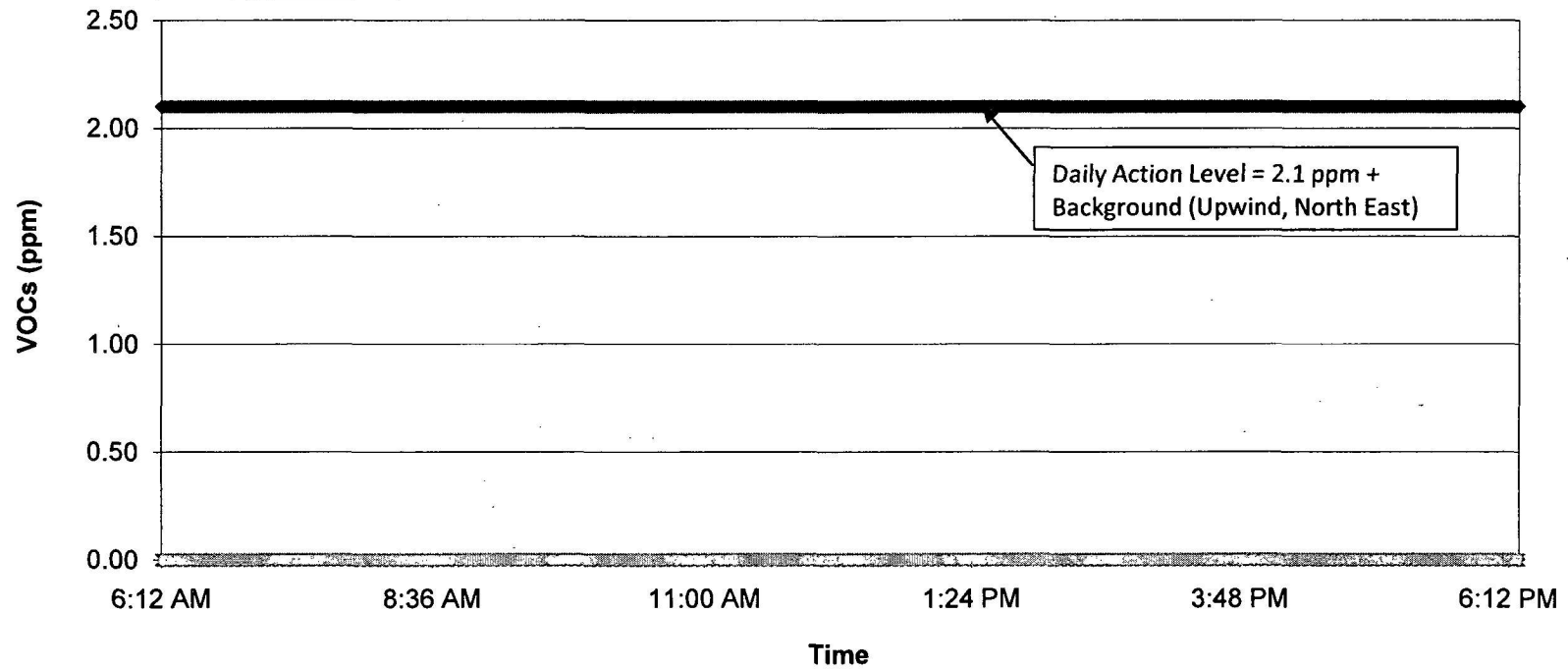
**Dust Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 1, 2011**



◆ DAL	× Upwind, North East Station [NE]	◆ North West Station [NW]
× South East Station [SE]	× South West Station [SW]	◇ West Station [W]



**VOCs Monitoring
15 Minute Average
SCCC/Diamond Sites
Kearny, New Jersey
October 1, 2011**



◆ DAL

× Upwind, North East Station [NE]

◆ North West Station [NW]

× South East Station [SE]

× South West Station [SW]

◇ West Station [W]